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## ABSTRACT

This guidebook, a comprehensive national directory of Federal offices, programs, and facilities supporting K-12 education in mathematics and science, was designed to inform educators and the public about Federally-supported resources in these subjects and to increase access to them. It contains information about Federal offices and programs at the national and regional levels and also lists state-by-state contacts for many of these resources. Sixteen Federal agencies collaborated with the Eisenhower National Clearinghouse (ENC) to produce this publication. Section One contains general information about the 16 agencies and highlights their involvement in mathematics and science education, acquaints the reader with agency-specific background information, and lists its administrative offices for mathematics and science education. Section Two features nationwide agency-sponsored mathematics and science programs for elementary and secondary education. Each program entry includes the program name, a brief program description, and contact information. Section Three lists, by state and region, those agency resources available at the local level. Although this Guidebook does not list all federally-funded education programs, it does provide contacts that can supply additional information. (JRH)

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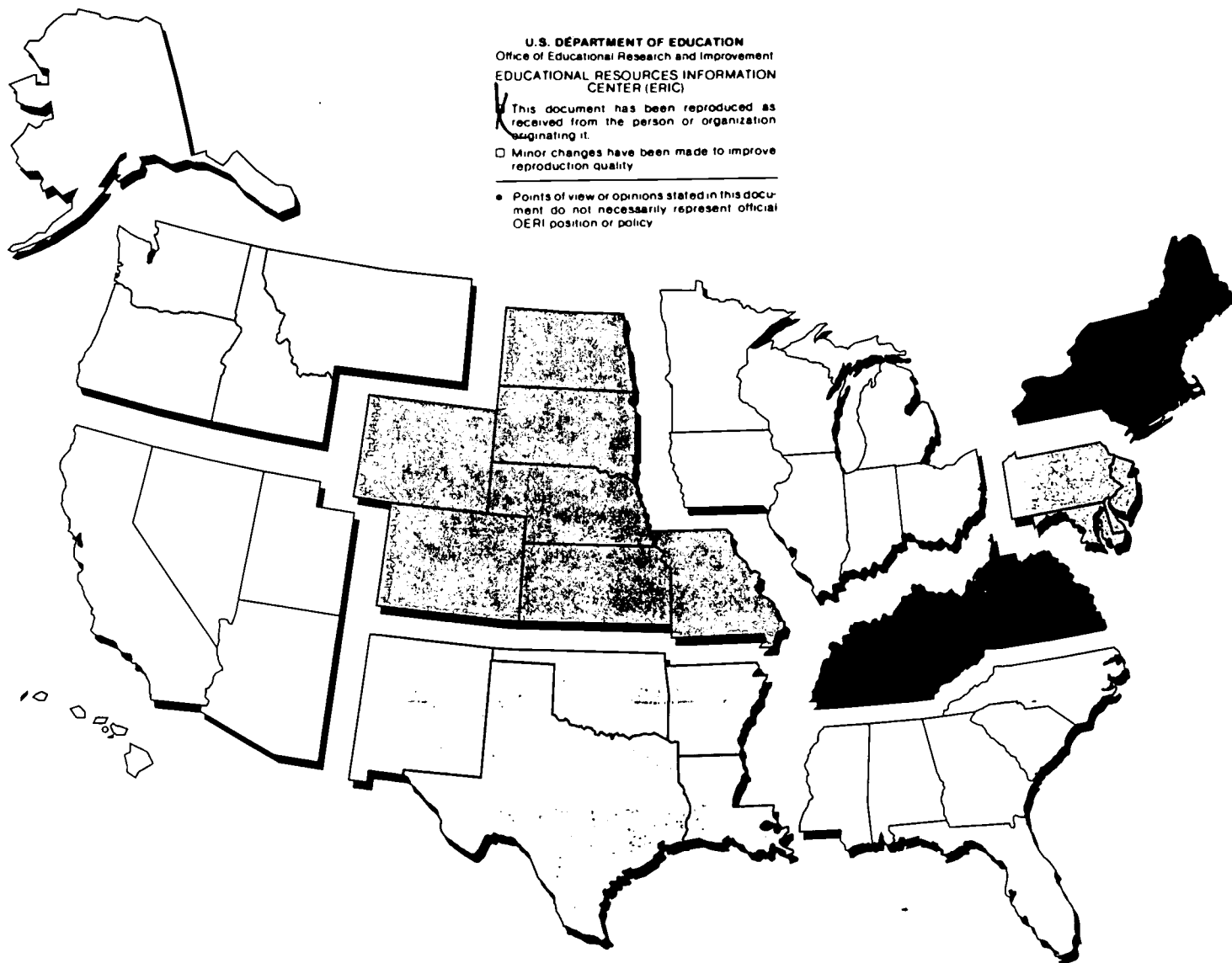
# The Guidebook of Federal Resources for K-12 Mathematics and Science

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# 1996

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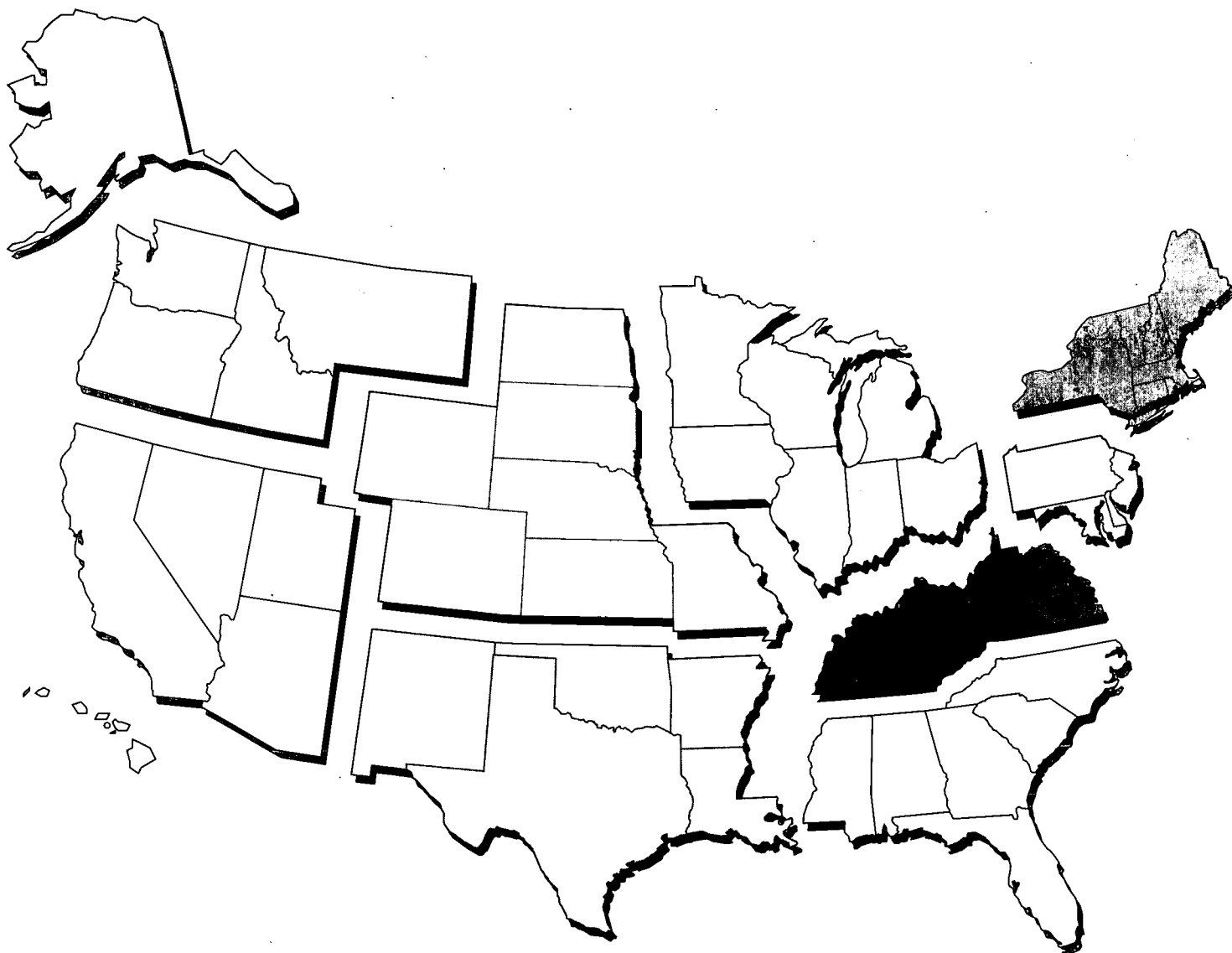
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Eisenhower National  
Clearinghouse  
for Mathematics and  
Science Education

# The Guidebook of Federal Resources for K-12 Mathematics and Science



1996



U. S. DEPARTMENT OF EDUCATION  
OFFICE OF EDUCATIONAL RESEARCH AND IMPROVEMENT

OFFICE OF REFORM ASSISTANCE AND DISSEMINATION

Dear Reader:

The *Guidebook of Federal Resources for K-12 Mathematics and Science* is a comprehensive national directory of Federal offices, programs and facilities supporting K-12 education in mathematics and science. It is intended to inform educators and the public about Federally-supported resources in these subjects and to increase access to them. This publication contains information about Federal offices and programs at the national and regional levels and also lists state-by-state contacts for many of these resources in your region.

This is the third edition of the *Guidebook* prepared by the Eisenhower National Clearinghouse for Mathematics and Science Education (ENC). It updates information contained in the regional edition published in the spring of 1995 as the *Guidebook to Excellence*. Federal program information found in the *Guidebook* is also available in electronic format as part of ENC's effort to provide online information and resources for mathematics and science educators, including an extensive catalog of K-12 curriculum materials.

The Eisenhower Regional Consortia for Mathematics and Science Education are helping to distribute *The Guidebook of Federal Resources for K-12 Mathematics and Science* in their regions. The Regional Consortia provide technical assistance and disseminate information in order to improve mathematics and science education. We expect the Eisenhower National Clearinghouse and Regional Consortia, working together, to be a significant force for reaching National Education Goal Five, that American students will be first in the world in mathematics and science achievement by the year 2000.

We believe you will find *The Guidebook of Federal Resources for K-12 Mathematics and Science* to be a valuable tool as you seek ways to enrich and improve students' learning and performance in mathematics and science.

Sincerely yours,

Eve M. Bither  
Acting Director

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# Foreword

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The Eisenhower National Clearinghouse for Mathematics and Science Education (ENC) is pleased once again to publish a national directory of Federal resources for K-12 mathematics and science. *The Guidebook of Federal Resources for K-12 Mathematics and Science* is part of the continuing effort to identify and disseminate resources that strengthen mathematics and science education in the United States. The publication identifies by region mathematics and science education facilities and contacts for programs administered by each Federal agency or department. ENC has worked closely with representatives from many Federal agencies to compile the information in this publication.

Eisenhower National Clearinghouse provides K-12 teachers throughout the United States with a comprehensive source of information about mathematics and science curriculum materials. ENC is located at The Ohio State University and funded through a contract with the U.S. Department of Education's Office of Educational Research and Improvement. Information about curriculum resources is available online through ENC's electronic catalog, in print through a variety of publications, and beginning this year, on CD-ROM.

Information in the *Guidebook* is also available through ENC Online, ENC's World Wide Web site available via Internet or by modem access using a toll-free number. For additional information about how to access ENC Online, refer to the following pages.

The Eisenhower National Clearinghouse works closely with the Eisenhower Regional Consortia in the national effort to support systemic improvement of mathematics and science education. The Regional Consortia and the Clearinghouse collaborate on identifying and distributing mathematics and science curriculum materials and on identifying products and services that support the professional development of teachers and other education professionals.

I wish to thank the representatives of the Federal agencies who provided the information included in the *Guidebook*. I also wish to acknowledge the information-gathering and production support provided by Aspen Systems Corporation staff, and the work of the ENC Publications team who made this edition of the *Guidebook* possible.

Dr. Len Simutis, Director  
Eisenhower National Clearinghouse for Mathematics and  
Science Education



# How To Use This Directory

## The Guidebook of Federal Resources for K–12 Mathematics and Science



**Eisenhower National  
Clearinghouse  
for Mathematics and  
Science Education**

**T**he purpose of *The Guidebook of Federal Resources for K–12 Mathematics and Science* is to assist educators, parents, and students across the country in attaining the National Education Goals, particularly Goal 5: *By the year 2000, U.S. students will be first in the world in science and mathematics achievement.*

The *Guidebook* will improve the education community's awareness of the Federal Government's extensive commitment to mathematics and science education. Sixteen Federal agencies collaborated with the Eisenhower National Clearinghouse to produce this publication. Although the *Guidebook* contains valuable information for anyone involved in mathematics and science education, its focus is on the elementary and secondary levels.

The *Guidebook* consists of three sections:

### Section One: Agency Overviews

Section One contains general information about each of the 16 agencies. Listed alphabetically, each agency highlights its involvement in mathematics and science education, and acquaints the reader with agency-specific background information. Each agency also lists its administrative offices for mathematics and science education—to give readers a source for additional information on its organization and operation.

### Section Two: National Programs for Elementary and Secondary Education

Section Two features nationwide agency-sponsored mathematics and science programs for elementary and secondary education. Again listed alphabetically

by agency, each program entry includes the program name, a brief program description, and contact information. Readers searching for a particular type of program may refer to the Index on pp. I–1 to I–4 of this publication, which lists all national programs alphabetically within each program category.

### Section Three: State Highlights

Section Three lists, by State and region, those agency resources available at the local level. Each regional subsection begins with a description of the Eisenhower Regional Consortium for that region. By referring to the State-by-State listing of facilities and contacts for mathematics and science education, readers can easily discover what resources are available within their own States or jurisdictions. Readers should also examine programs listed for neighboring States or for States they are planning to visit.

A comprehensive mathematics and science education resource directory for K–12 programs, the *Guidebook* describes programs that assist students who will go on to study in college or technical school, as well as programs to improve general mathematics and science literacy. Although the *Guidebook* does not list all federally-funded education programs, it does provide contacts that can supply additional information. Recognizing that efficient use of time and resources is critical to meeting the National Education Goals, agencies have included a description within each of their entries to help readers determine which programs and contacts may prove most valuable.

The *Guidebook's* contents are also available online through ENC Online at <http://www.enc.org>. The *Guidebook* will be successful to the extent that it helps the education community locate Federal resources to support their efforts to improve mathematics and science education.

# Eisenhower National Clearinghouse for Mathematics and Science Education (ENC)

## About ENC

As States and local school districts create new curriculum frameworks for mathematics and science, teachers are asked to change the strategies they use in their classrooms. As a result, they require materials to support the new strategies and often may be at a loss to know where to find what they need. The Eisenhower National Clearinghouse (ENC) was established to provide K–12 teachers with a central source of information on mathematics and science curriculum materials.

The U.S. Department of Education recognizes the efforts expended by mathematics and science educators to develop standards and improve mathematics and science teaching. The Department also recognizes the need to identify, collect, disseminate, and adopt successful materials and programs, especially those emanating from Federal support. Through a contract from the Department, to The Ohio State University, ENC was established in 1992 in Columbus, Ohio, to promote excellence in mathematics and science education in American elementary, middle, and secondary schools.

## About This Guidebook

The *Guidebook of Federal Resources for K–12 Mathematics and Science* is a comprehensive resource directory for Federal K–12 programs that provides information to educators, parents, and students and demonstrates to the education community the extent of the Federal Government's commitment to mathematics and science education.

Sixteen Federal agencies and departments collaborated with ENC to produce this annual publication. Although its focus is on elementary and secondary education, the *Guidebook* contains valuable information for anyone involved in mathematics and science education. To help readers determine which programs may prove most valuable, a program description accompanies each entry, along with an agency contact person who can supply additional information.

## ENC Collection

ENC has acquired and cataloged several thousand items, including print materials, video, audio, graphic images, software, kits, and Internet resources from a variety of sources, including Federal and State agencies, commercial publishers, and professional associations. Two ENC repositories hold materials collected, one at The Ohio State University and one in Washington, DC, in collaboration with The George Washington University. Categories of materials include the following:

- **Printed Documents** such as activity guides, teacher and student guides, sourcebooks, reference materials, textbooks, program descriptions, published articles, directories, bibliographies, and technical information about instructional equipment.
- **Magnetic and Optical Media** such as software, images (e.g., GIF, JPEG, EPS), CD-ROMs, optical and laser discs, videotapes, and audiotapes.
- **Projected Media** such as films, slides, filmstrips, overhead transparencies, microfiche, and microfilm.
- **Real Objects** such as kits, manipulative materials, microcomputer-based packages and probeware, instructional models, games and simulations, assorted instructional aids (e.g., posters, maps, charts), and laboratory or field equipment.
- **Virtual Resources** that include education resources available on the Internet such as World Wide Web pages, ftp sites, listserv archives, and frequently asked questions (FAQs) files.

## ENC Online

By accessing ENC Online, users may readily obtain a variety of Internet resources, including a listing of the information in this *Guidebook* on Federal programs serving mathematics and science education, the ENC Resource Finder, resources from other education

databases, and information and materials on education reform. ENC users may also download software for navigating the Internet, as well as for image viewers and other utilities.

Anyone with a computer and a modem or Internet access may use ENC Online. If you need assistance, a technical help desk is available to answer questions about online access through the toll-free telephone number (800) 621-5785.

### *Accessing ENC:*

#### **Internet:**

With an Internet connection, use the telnet command to connect to **enc.org** and login as **guest**.

Using World Wide Web software, it is also possible to connect to ENC at <http://www.enc.org>. A login is not necessary.

#### **Modem:**

With a modem, dial (800) 362-4448 for toll-free access. (Although not toll free, dialing (614) 292-9040 also provides access.)

Set communication software to:

VT100 terminal emulation

No parity, 8 data bits, 1 stop bit.

Once connected, press RETURN or ENTER once to bring up a screen and type c to begin. Login as **guest** as though using telnet.

### **ENC Resource Finder**

The ENC Resource Finder, an online catalog of K-12 curriculum resources, is designed to meet the needs of teachers looking for valuable information about classroom materials. With input from teachers on types of information they want to see in a catalog record, ENC developed a unique and comprehensive resource to aid teachers who often have limited time and unlimited needs.

Catalog records contain a wealth of information, and are easy to search through ENC Online. Each record has more than 20 fields, including standard library fields—title, author, subjects, publication date, and publisher—as well as fields unique to the needs of educators—grade level, table of contents, evaluation, and resource type.

Catalog entries provide detailed information about resources and enable ready access to materials that enhance classroom activities and support profes-

sional development. For example, Resource Finder includes extensive information on:

- **Content**—ENC's abstracts are detailed and comprehensive, with sufficient information about a resource to help teachers make informed decisions for their classroom needs. The abstracts contain information about instructional methods, assessment, intended outcomes, and any special features, including appendices and bibliographies.
- **Evaluation**—A significant part of ENC's mission is to locate and include evaluative information about the resources cataloged by the Clearinghouse. Such evaluations include awards, field tests, and citations in journals and magazines. In addition, ENC collects evaluative data from teachers who use these materials in their classrooms. Teachers are invited to contribute their comments about resources through forms linked to the catalog record.
- **Standards**—Because districts and teachers emphasize the need for State and national standards for educators, the ENC catalog contains information about linking certain materials to mathematics and science standards. When a resource meets particular standards, as indicated by the author or publisher, that information is detailed in the **Standards** field.

### **Educator's Kiosk**

As part of ENC Online, the Eisenhower National Clearinghouse gathers and presents activities and opportunities beneficial to K-12 mathematics and science education. Users may search activities such as workshops, conferences, and course offerings, or submit their own activity to add to the offerings listed.

Types of activities which users may register include:

- Workshops for inservice and/or preservice teachers.
- Summer institutes for teachers.
- Laboratory-based experiences for teachers and/or students.
- Special course offerings for teachers or students at colleges or universities.
- State, regional, and national conferences.
- Training sessions for administrators.

Similarly, users may search for (or submit) opportunities that may include scholarships, funding opportunities, and surplus equipment or supplies.

Types of opportunities which users may register include:

- Availability of company surplus equipment or supplies.
- Availability of grant funds from State assistance programs.
- Funding initiatives from private philanthropic organizations.
- Federally-funded grant or contract availability.
- Scholarship competitions.

## ENC Reference Staff

ENC reference staff answer questions concerning curriculum resources and can help you make the best use of Clearinghouse resources. Call them if you need assistance with:

- Locating K–12 teaching resources for use in your classroom.
- Identifying exemplary K–12 programs in mathematics and science.
- Targeting federally-funded efforts to support mathematics and science teaching.
- Using the ENC Resource Finder.
- Answering other K–12 mathematics or science education-related questions.

ENC Online lets users give feedback or ask questions directly from the Web pages. For example, teachers can go to the ENC Virtual Reference Desk, submit a question, and mail it electronically to ENC staff; reference staff will respond within 3 to 5 working days.

## ENC Collaborative Efforts

ENC collaborates with the 10 Eisenhower Regional Consortia and in conjunction with the Consortia has established 12 regional demonstration sites. The 12 sites provide educators across the Nation a place for hands-on access to ENC online resources. For more information about the Consortia, refer to the preface for each region in Section 3 of this *Guidebook*.

## ENC Is Always Seeking Mathematics and Science Materials

Publishers, Federal agencies, professional organizations, and teachers can provide broad access to information about their curriculum materials.

ENC's audience is anyone looking for science and curriculum materials, including:

- K–12 teachers looking for quality materials for their mathematics and science classrooms.
- Library and media specialists searching for mathematics and science materials for clients.
- School administrators and curriculum developers seeking materials that facilitate curriculum reform.
- K–12 mathematics and science students.
- University faculty conducting research, developing new curricula, and educating preservice teachers.
- Parents and community members interested in mathematics and science resources.

If you know of valuable materials for mathematics and science teachers, tell us! Contact ENC's Acquisitions Coordinator and mention the items you would like to see in the collection. Please provide as much information as possible about the items to help us find them. In addition, we actively seek information available on the Internet, such as World Wide Web (WWW) sites where educational materials are stored. If you maintain such a site, or know of one, please let us know.

## ENC Products

### ENC on Disc

CD-ROMs are another way to access curriculum materials and the ENC Resource Finder. ENC's CD-ROM catalog duplicates the online catalog and can be easily searched. CD-ROMs can contain thousands of text pages as well as sound, images, and digital video. ENC will produce four CD-ROMs in the 1996–97 school year. Two will contain information for teachers on State curriculum frameworks, assessment methods, standards, equity issues, and professional

development, as well as materials describing innovative practices in mathematics and science education. The remainder will contain curriculum materials that teachers may use in the classroom. Many materials on CD-ROM will be free of copyright restrictions and fully available for classroom use. ENC will distribute one free copy of each CD-ROM to those U.S. public schools that have a CD-ROM drive and who have requested one on school letterhead.

### ENC in Print

In addition to the *Guidebook of Federal Resources for K-12 Mathematics and Science*, ENC produces free publications for teachers and others interested in education. Publications are available from ENC or ENC Online:

- **ENC Focus**—Published periodically, *ENC Focus* pulls together information about a select group of mathematics and science curriculum resources on various topics, including equity in the classroom, integrating mathematics and science, data analysis, and hands-on resources.
- **ENC Update**—A newsletter published three times per school year, *ENC Update* features information about ENC and promising uses of technology in education.
- **Perspectives on Reform in Mathematics and Science Education**—ENC, in cooperation with the American Association for Advancement of Science (AAAS), the National Council of Teachers of Mathematics (NCTM), and the National Science Teachers Association (NSTA), prepared these three monographs focusing on science and mathematics reform.

## Envisioning the Future

ENC, through its comprehensive collection of mathematics and science curriculum materials, is providing the means necessary to support teachers and students striving toward the goal of being first in the world in mathematics and science achievement.

## For Additional Information About ENC

### General Information

Toll-Free Telephone: (800) 621-5785  
Direct Telephone: (614) 292-7784  
E-mail: [info@enc.org](mailto:info@enc.org)  
Fax: (614) 292-2066  
Hours: Monday–Friday: 8 a.m.–5 p.m./ET

### Technical Help Desk

Toll-Free Telephone: (800) 621-5785  
Direct Telephone: (614) 292-9590  
E-mail: [help@enc.org](mailto:help@enc.org)  
Hours: Call the toll-free number for hours when the Technical Help Desk is staffed.

### Reference Desk

Toll-Free Telephone: (800) 621-5785  
Direct Telephone: (614) 292-9734  
E-mail: [library@enc.org](mailto:library@enc.org)  
Hours: Call the toll-free number for hours when the Reference Desk is staffed.

### Acquisitions

Toll-Free Telephone: (800) 621-5785  
Direct Telephone: (614) 292-8389  
E-mail: [submit@enc.org](mailto:submit@enc.org)

### Mailing Address

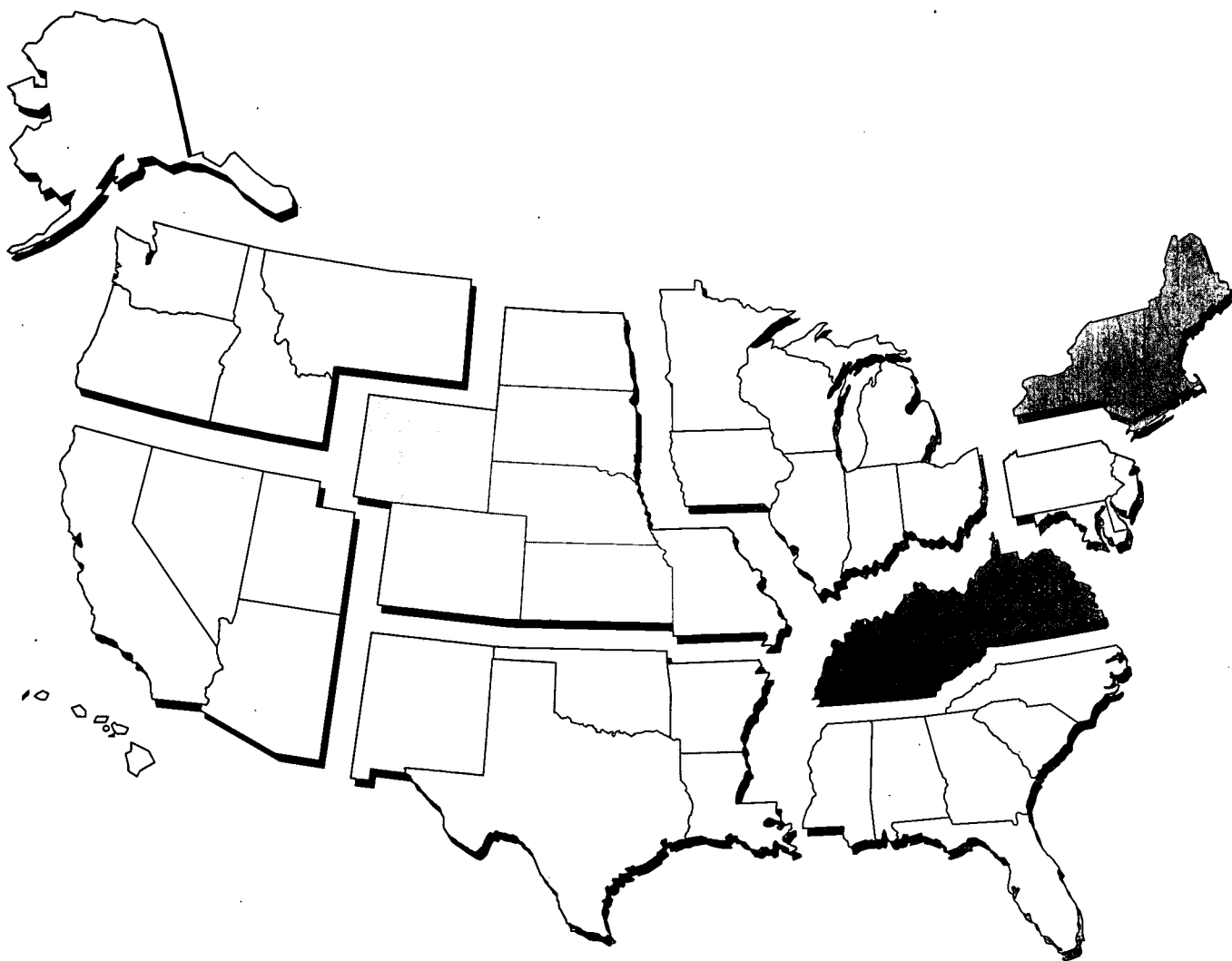
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The Ohio State University  
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Columbus, OH 43210-1079

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## Section One

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# Agency Overviews





# U.S. Department of Agriculture



**T***o compete effectively in the increasingly complex world of international agribusiness and agri-science, America needs professionals who are highly skilled in the food and agricultural sciences. USDA is committed to developing human resources by strengthening its sponsorship of science and mathematics programs at all levels of learning.*

Dan Glickman, Secretary  
U.S. Department of Agriculture

## Mission

The U.S. Department of Agriculture (USDA) is authorized to provide the leadership, oversight, and management necessary to ensure that the United States has adequate supplies of high-quality food and fiber. The Department supports and conducts a wide range of research, development, extension, and education activities to achieve that mission.

## Background

On May 15, 1862, President Abraham Lincoln signed the act creating the U.S. Department of Agriculture. The Department has since helped to make American agriculture the most productive in the world, giving the American people the most varied and wholesome food supply for the smallest share of disposable income of any people in the world. On July 2, 1862, President Lincoln signed the Morrill Land-Grant College Act, which established colleges in each State to educate young men and women in agriculture, bringing higher education within reach of youth of ordinary means and elevating what had been called "agricultural training" to a scientific enterprise. In 1890 an additional group of 17 Historically Black Colleges and Universities was given land-grant status to enable the Department to serve all populations. The Food and Agriculture Act of 1977 designated USDA as the lead Federal Agency for higher education in the food and agricultural sciences.

## Role in Mathematics and Science Education

USDA's education efforts have helped produce scientific and nonscientific professionals who have made American agriculture the most effective and efficient agricultural system in the world. The Department has effected the transfer of new technologies and scientific knowledge via research agencies, such as the Cooperative State Research, Education, and Extension Service; the Agricultural Research Service; and the Forest Service. USDA is also home to the National Agricultural Library, the largest agricultural library in the world. Other USDA agencies with research and education programs include the Agricultural Cooperative Service, the Animal and Plant Health Inspection Service, the Agricultural Marketing Service, the Human Nutrition Information Service, the Foreign Agriculture Service, the Natural Resources Conservation Service, and the National Agricultural Statistics Service.

## Elementary and Secondary Education

USDA precollege activities devoted exclusively to mathematics and science are few. However, its Ag in the Classroom Program provides national coordination for States, helping to increase K-12 students' awareness of agriculture's role in the economy and society. USDA's Research Apprenticeship Program annually supports approximately 200 high school students' (primarily minority and female youth) hands-on research experience with scientists in Federal and university laboratories. Scientific literacy among students in grades K-12 is sustained by support from the many 4-H Youth Development Programs. Teacher enhancement is an integral part of these programs.

## Higher Education

Because of the need to educate scientists and other leaders for the future, USDA was designated as the lead Federal agency for higher education in the food and agricultural sciences. Program areas include agriculture, natural resources and forestry, veterinary medicine, home economics, and closely allied disciplines. In response to its congressional mandate,

USDA established the Office of Higher Education Programs, which provides national leadership to:

- Achieve and maintain excellence in college and university programs in the food and agricultural sciences.
- Produce outstanding graduates to satisfy the Nation's requirements for scientific and professional expertise.
- Enhance the complementarity and synergism of research and teaching.

In this guise, USDA supports the development of expertise through both predoctoral traineeships at universities and postdoctoral traineeships in Federal laboratories as mechanisms to train personnel for critical positions with government, academia, and the private sector.

USDA's role in undergraduate education is even more extensive. The Office of Higher Education Programs (HEP) functions primarily as a catalyst to promote excellence in education, working in close alliance with the States, the college and university systems, and the private sector. HEP administers several high-priority programs to enhance the quality of education and to develop outstanding scientific and professional expertise at colleges and universities across the Nation: minority expertise development through the Minority Scholars Program, launched in 1994; institutional enhancement through three grants programs, one formula and two competitive, amounting in fiscal year 1994 to approximately \$15 million; and national projects that enhance the development of issues and information and the development of strategic planning.

## **Public Understanding of Science**

USDA fosters public understanding of science through a variety of programs, including an annual Food Safety Campaign, held to coincide with National Consumers Week; a Nutrition Education and Training Program; a USDA Meat and Poultry Hotline; and the Agricultural Research Service's 127 Federal laboratories, which provide tours and open house activities to educate the general public on new developments in agricultural research.

## **How Mathematics and Science Education Programs Are Administered**

The Under Secretary for Research, Education, and Extension has overall authority for educational initiatives in USDA. Most agencies referenced in this sec-

tion are under the Under Secretary's direct purview. The Office of Higher Education Programs of the Cooperative State Research, Education, and Extension Service is the operating division most involved with college and university science education. The USDA Joint Council on Food and Agricultural Sciences, established by Congress a decade ago, encourages and coordinates agricultural sciences throughout the United States and among USDA agencies. Its members represent producers, industry, and State and Federal agencies and institutions. USDA offers an unparalleled national network for advancing science and education through its Federal laboratories, State Agricultural Experiment Station System, university scientists and educator cooperators, professional staff, and volunteer lay leaders.

## **Administrative Offices for Mathematics and Science Education**

### **Agricultural Research Service**

The Agricultural Research Service operates 122 Federal laboratories and research centers nationwide and 5 overseas. Scientists at these laboratories are valuable resources for science-enrichment initiatives at the precollege and college levels.

Administrator, Agricultural Research Service  
U.S. Department of Agriculture  
Room 352-A, Administration Building  
14th Street and Independence Avenue SW  
Washington, DC 20250-0301  
(202) 720-3656

### **Cooperative State Research, Education, and Extension Service (CSREES)**

The Cooperative State Research, Education, and Extension Service advances science and technology in support of agriculture, forestry, people, and communities in partnership with the State Agricultural Experiment Station System and the State Cooperative Extension System. CSREES also serves as the Federal partner in the Cooperative Extension System, a unique educational partnership with land-grant institutions in each State, territory, and the District of Columbia. The partnership includes more than 130 colleges of agriculture; 59 agricultural experiment stations; 57 cooperative extension services; 63 schools of forestry; 16 of the 1890 historically black land-grant institutions and Tuskegee University; 27 colleges of veterinary medicine; 42 schools and colleges of family and consumer sciences; 29 of the 1994



Native American land-grant institutions; 127 Hispanic-serving institutions, including 81 members and 45 associate members of the Hispanic Association of Colleges and Universities. The Cooperative Extension System is a valuable resource for technology transfer and issue identification at all educational levels. CSREES administers the 4-H Program, which is one of the largest informal youth development programs in the country. The local county Cooperative Extension Service office can be contacted for more information about educational programs. Offices are listed under local government in the telephone directory. CSREES has abundant opportunities to link students with ongoing science programs.

Administrator, Cooperative State Research,  
Education, and Extension Service  
U.S. Department of Agriculture  
Room 305-A, Administration Building  
14th Street and Independence Avenue SW  
Washington, DC 20250-2201  
(202) 720-4423/Fax: (202) 720-8987  
E-mail: CSREES@reeusda.gov

### **Forest Service**

The Forest Service expanded its involvement in conservation education in 1990 by launching the Natural Resource Conservation Education Program (NRCEP), which was developed to help implement the Environmental Education Act of 1990. The program was established servicewide to strengthen natural resources education efforts. It is jointly sponsored by the Forest Service and the National Association of State Foresters. Its primary objective is to support a lifelong learning process that promotes the understanding of natural resources and ecosystems—their interrelationships, conservation, use, management, and values to society. NRCEP works with partners to jointly sponsor conservation education projects throughout the Nation. These joint projects combine Federal dollars with State, local, and private funds to increase the money available for conservation education programs. Current national NRCEP projects include Project Learning Tree, National Children's Forests, Investigating Your Environment, Girl Scouts of the USA, and Boy Scouts of America. The NRCEP office can be contacted for more information about education programs.

Natural Resource Conservation Education  
Program  
14th and Independence Avenue SW  
P.O. Box 96090  
Washington, DC 20090-6090  
(202) 205-1545

### **National Agricultural Library**

The National Agricultural Library administers library services and programs and is the largest agricultural library in the world.

Pamela Andre, Director  
National Agricultural Library  
U.S. Department of Agriculture  
10301 Baltimore Boulevard, Room 200  
Beltsville, MD 20705-2351  
(301) 504-5248/Fax: (301) 504-5472  
E-mail: info@nalusda.gov

### **Office of Civil Rights Enforcement**

Director, Office of Civil Rights Enforcement  
U.S. Department of Agriculture  
1322 South Building  
14th and Independence Avenue SW  
Washington, DC 20250  
(202) 720-5212/Fax: (202) 205-2891

### **Office of Public Affairs**

The Office of Public Affairs provides general information on USDA programs.

Director, Office of Public Affairs  
U.S. Department of Agriculture  
Administration Building, Room 213-A  
14th Street and Independence Avenue SW  
Washington, DC 20250-1301  
(202) 720-4623

# U.S. Department of Commerce



**T**he Nation that best learns to harness its knowledge and stimulate the creation of new ideas will be the economic powerhouse of the 21st century.

Ronald H. Brown, Secretary  
U.S. Department of Commerce

## Mission

The U.S. Department of Commerce (DOC) encourages, serves, and promotes the Nation's international trade, economic growth, and technological advancement. Within this framework, and with a policy of promoting the national interest through the encouragement of a competitive free enterprise system, the Department provides a wide variety of programs.

## Background

The Department was established by Congress in 1913 through a reorganization of the Department of Commerce and Labor, which had been created in 1903. Today, DOC has 13 agencies in areas such as international trade, technology, the oceans and the atmosphere, economic and social data, travel and tourism, patents and trademarks, and telecommunication.

## Role in Mathematics and Science Education

The National Institute of Standards and Technology and the National Oceanic and Atmospheric Administration have missions that involve scientific research and technical applications, and, therefore, have the greatest role in science and mathematics education within DOC.

## Elementary and Secondary

Most DOC precollege activities consist of voluntary outreach by the professional staff or cooperative efforts with other organizations, with minimal direct funding available.

## Higher Education

DOC has developed a cooperative education program to provide work-related educational opportunities to students, as well as graduate and postdoctoral fellowships.

## How Mathematics and Science Education Programs Are Administered

DOC agencies that offer education programs self-administer their respective programs.

## Administrative Offices for Mathematics and Science Education

### National Institute of Standards and Technology, Office of Personnel and Civil Rights

As the national laboratory for measurement science and engineering, with emphasis on state-of-the-art research, the National Institute of Standards and Technology maintains a strong program of postdoctoral education. The Institute sponsors numerous postdoctoral research fellowships in collaboration with the National Research Council of the National Academy of Sciences.

Dr. Jack Hsia, Chief, Academic Affairs  
Room A505, Administration  
National Institute of Standards and Technology  
Gaithersburg, MD 20899  
(301) 975-3067/Fax: (301) 975-3530

### National Institute of Standards and Technology, Postdoctoral Programs

As the national laboratory for measurement science and engineering, with emphasis on state-of-the-art research, the National Institute of Standards and

Technology maintains a strong program of postdoctoral education. The Institute sponsors numerous postdoctoral research fellowships in collaboration with the National Research Council of the National Academy of Sciences.

Kimberly J. Goode, Student Coordinator  
National Institute of Standards and Technology  
Office of Personnel and Civil Rights  
Administration Building, Room A123  
Gaithersburg, MD 20899  
(301) 975-3026

## **The National Oceanic and Atmospheric Administration (NOAA)**

Providing leadership and education in the Earth sciences and contributing scientific knowledge to the environmental science curriculum at every level of education are integral components of NOAA's public stewardship. NOAA's many offices around the Nation contribute to the local educational activities of their communities.

### **National Sea Grant Program—NOAA**

NOAA's National Sea Grant Program, in conjunction with 29 universities and institutions, promotes a strong educational base through a network of more than 300 university and marine research institutions. Sea Grant reaches its audiences through workshops, conferences, brochures, videotapes, films, radio shows, newsletters, and local educational programs. For more information about a nearby Sea Grant institution, contact the National Sea Grant office.

National Sea Grant College Program  
National Oceanic and Atmospheric  
Administration  
1315 East West Highway  
Silver Spring, MD 20910  
(301) 713-2431/Fax: (301) 713-0799

### **National Weather Service—NOAA**

The National Weather Service supports educational programs developed by a wide variety of outside organizations. Examples are the American Meteorological Society's Project Atmosphere, the Weather Channel's Weather Classroom, and the NBC/WRC-TV project to develop public access to Earth and

space science data visualizations via TV and the Internet. Project Atmosphere prepares teachers to be Atmospheric Education Resource Agents so that they can act as a bridge between meteorologists and teachers in the classroom. The Weather Classroom, which is on the air for 10 minutes each day Monday through Friday, has a companion textbook. A series of publications on severe weather is being distributed to schools and the public to increase awareness and use of the National Weather Radio Service.

Joan VonAhn  
Services Development Branch  
1325 East West Highway  
Silver Spring, MD 20910  
(301) 713-0462

## **NOAA Office of Public and Constituent Affairs**

The NOAA Office of Public and Constituent Affairs has a limited number of publications suitable for classroom use that teachers may request by mail. Some titles are also available on the Internet. Users can reach "Answers from NOAA: Educational Resources" by typing <gopher.esdim.noaa.gov> through gopher or telnet (log-in as "gopher"), selecting "Connection to NOAA's Online Data," and then selecting "Answers from NOAA: Educational Resources (Public Affairs)." This information can also be found at <<http://www.noaa.gov/public-affairs/>> at "Answers from NOAA."

NOAA Public Affairs Office  
14th and Constitution Avenue NW  
Room 6013  
Washington, DC 20230  
WWW: <<http://www.noaa.gov>>  
E-mail: [opca@esdim.noaa.gov](mailto:opca@esdim.noaa.gov)

## **Office of Ocean and Coastal Resource Management (OCRM)—NOAA**

The National Marine Sanctuary Program and National Estuarine Research Reserve System are two programs within OCRM that, locally and regionally, fulfill the Office's mission of achieving sustainable use of our Nation's coastal and ocean resources as well as maintenance of marine and coastal biodiversity in special areas through long-term comprehensive management and protection. Both programs offer education programs that interpret the ongoing site-specific research as well as promote public awareness, understanding, appreciation, and wise use of the coastal and marine environments. Site programs are as varied as the coastal resources and range from hands-on studies of the coastal ecology and geology for high school students to community workshops for specific resource users.

Maureen Wilmot, National Education Coordinator  
NOAA/OCRM  
1305 East West Highway  
SSMC 4, 12th Floor  
Silver Spring, MD 20910  
(301) 713-3125/Fax: (301) 713-4012  
E-mail: [mwilmot@ocean.nos.noaa.gov](mailto:mwilmot@ocean.nos.noaa.gov)

# U.S. Department of Defense



**I** cannot imagine a strong America without well-educated Americans. If we are to maintain our hard-earned reputation for having the best Armed Forces in the world, we must start with young men and women who have gotten an edge on life in our schools. That edge includes skills in science, engineering, and mathematics. If the United States is to maintain a strong and responsible democracy and a prosperous economy into the next century, all of our citizens must be well educated. Americans with a good education will have the best chance of helping not only themselves and their families, but our Nation.

William J. Perry, Secretary  
U.S. Department of Defense

## Mission

The mission of the U.S. Department of Defense (DoD) is to provide for national security.

## Background

The Department of Defense makes a major investment in education and training. The Department has a vital interest in the ability of our Nation to produce highly trained scientists and engineers. During the past 50 years, the Military Services and Defense Agencies have developed wide-ranging programs that support science and engineering education. The programs evolved independently as each DoD component sought to increase the numbers and to improve the quality of scientists and engineers available to meet their needs.

In traditional educational settings, the Department of Defense provides education for grades K-12 for more than 120,000 dependents in overseas locations through the Department of Defense Dependents Schools System and in U.S. locations where the local civilian schools cannot meet the needs of the dependent population. The DoD service academies, with a total enrollment of 11,800, graduated approximately 2,900 officers in 1995. Additionally, more than 881,000 current and former enlisted members of the armed services have applied for Montgomery GI Bill benefits since the Bill's enactment in 1985. These benefits provide subsidies to assist in completing college educations.

## Role in Mathematics and Science Education

Maintaining technological leadership is critical to both national defense strategy and economic well-being. The United States has consistently sought to develop and deploy superior weapon systems to project an imposing military presence that deters foreign aggression. Further, in today's global marketplace, countries will be able to enjoy continued economic prosperity only if they are able to effectively exploit and adapt to emerging technologies.

To carry out these strategies, the United States, in general, and DoD in particular, must have a supply of scientists and engineers that meets the national need. For DoD, demand for scientists and engineers includes those for civilian employees of the Department, military personnel, and defense contractor employees. DoD sponsors a wide range of educational programs to improve the quality of the pool of personnel from which scientists and engineers can be drawn, and in this way help ensure that science and engineering requirements are satisfied.

The Department directly employs more than 100,000 scientists and engineers, approximately 3 percent of the national pool. Of this number, approximately 25,000 are engaged in research and development in the Department's laboratories and centers.

More than 200 separate programs use a wide variety of approaches and methods to enhance science and engineering education at different educational levels. At the upper level, college and university professors guide advanced research and development efforts for specific DoD projects. Lower level programs include sponsorship of elementary and secondary school science fairs, providing tutoring and mentorship for students, and demonstrations and laboratory tours that stimulate interest in science and engineering. Many programs also exist that award scholarships, assistantships, and fellowships.

## **Elementary and Secondary Education**

Precollege programs range from short exposure tours, seminars, and science fairs to intensive tutoring and summer experience programs. The most effective programs are those, such as the High School Apprenticeship Programs, that encourage an interest in and cultivate enthusiasm for science and engineering careers and provide the necessary guidance.

## **Higher Education**

DoD support in the areas of science and engineering education includes undergraduate Reserve Officer Training Corps scholarships, graduate fellowships, national defense-related research conducted by graduate students, and programs designed to enhance recruitment and retention of civilian employees in science and engineering career fields.

Effective recruiting programs include career intern programs, which recruit students from college campuses for an accelerated promotion track and advanced education opportunities. The Co-op Program provides students with early exposure to the work environment and helps foster understanding of Federal job opportunities among students and college personnel, and the postdoctoral research associateships provide a continuing supply of well-qualified graduate scientists and engineers for conducting research in DoD laboratories or in universities through grants and contracts.

DoD's Research Office provides opportunities for graduate students to work with university faculty members and explore topics of interest to the Department. Fellowship opportunities are also provided through DoD laboratories, which may, upon degree completion, provide the recipient with employment opportunities.

## **How Mathematics and Science Education Programs Are Administered**

In 1991 the Department of Defense Authorization Act directed the Secretary of Defense to designate an individual within its Office to act as an adviser on science, mathematics, and engineering education. As such, the Director of Defense Research and Engineering (DDR&E) has been identified as the individual responsible for implementing scientific, mathematics, and engineering educational improvement programs within DoD.

The structure for managing science and engineering educational activities within DoD consists of three elements. The DDR&E provides leadership. A Science and Engineering Education Panel (SEEP) serves as a review and advisory body to provide continuous oversight of, and coordination among, the military departments and defense agencies. Lab directors, program directors, and other managers within DoD components execute science and engineering education activities within their organizations.

DoD components exercise a great deal of discretion in conducting the science and engineering programs. The DDR&E does not focus on execution, but instead delegates authority for operation of the programs to the organizational level. The DDR&E serves as an interface with other Federal departments and agencies and, through SEEP, provides guidance and controls.

## **Administrative Offices for Mathematics and Science Education**

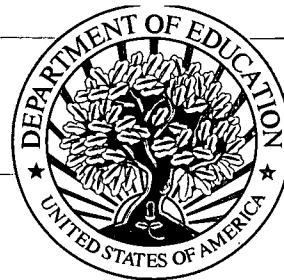
### **Office of the Deputy Director, Defense Research and Engineering**

The Office of the Deputy Director, Defense Research and Engineering, oversees research at DoD facilities and advises on DoD educational programs.

Keith Thompson  
OSD/ODDR&E  
Pentagon, Room 3E1045  
Washington, DC 20301  
(703) 614-0205/Fax: (703) 697-3762



# U.S. Department of Education



**T**he Department of Education is fully committed to National Education Goal Five, that by the Year 2000, American students will be first in the world in mathematics and science achievement.

Richard W. Riley, Secretary  
U.S. Department of Education

## Mission

The U.S. Department of Education's (ED's) mission is to ensure equal access to education and to promote educational excellence throughout the Nation. The Department has four major responsibilities:

- To collect data and oversee research on America's schools and to disseminate this information to educators and the general public.
- To identify and focus national attention on major issues and problems in education.
- To enforce Federal statutes prohibiting discrimination in programs and activities receiving Federal funds and to ensure equal access to education for everyone.
- To establish policies relating to Federal financial aid for education, to administer distribution of those funds, and to monitor their use.

## Background

Although the Department of Education has existed as a Cabinet-level agency for a relatively short time, its history dates back to 1867. Originally created as a non-Cabinet-level Department, it soon became the Office of Education, where for more than a century it served primarily to collect information and statistics about the Nation's schools. In the late 1950s the Office's mission was expanded when concerns about the quality of education led to the creation of various programs to improve education. These programs were increased in the 1970s to support national efforts to help students gain equal access to quality education. In October 1979, Congress passed Public Law 96-88, creating the current U.S. Department of Education.

## Role in Mathematics and Science Education

The Department of Education provides resources to increase opportunities for students to learn mathematics and science. The Department also supports research and assistance programs to improve the quality of mathematics and science education, collects data on student learning, and conducts studies on the condition of science and mathematics education.

ED's role is broadly based and connected to every level of formal education. The Department's programs reach nearly every school system and postsecondary institution. These programs support mathematics, science, and technical education for the disadvantaged, handicapped, and students for whom English is not the primary language. The Department also supports the integration of science and mathematics learning with vocational and technical education. However, since most of ED's funds are allocated by formula, the actual amount expended on mathematics and science education is often determined by the grant recipient.

With the passage in 1994 of the Educate America Act: Goals 2000, which calls for States and school districts to develop systemic plans for educational reform, ED expects that mathematics and science activities will be an increasingly integral part of the new reforms. Also, passage of the Improving America's Schools Act of 1994 expanded the scope of the ED-funded Eisenhower Program to all of the core academic subjects, which serves to integrate mathematics and science activities to a greater degree with those in other subjects.

## Elementary and Secondary Education

Approximately 95 percent of direct ED mathematics and science programs serve the precollege level. The Department aims to provide a balanced portfolio of programs that will benefit teachers, students, and schools at all educational levels. The cornerstone of ED's effort is the Eisenhower Mathematics and Science Education State Grant Program, which is the largest single K-12 mathematics and science program supported by any Federal agency.

## Higher Education

Most ED postsecondary education funds are allocated through grants or individual student financial aid. While many programs support opportunities to learn mathematics and science, only a few programs, such as the National Science Scholars Program, are directly targeted at these subjects; other postsecondary programs address broader educational purposes.

## How Mathematics and Science Education Programs Are Administered

The Department does not have a single major operating unit specifically charged with overseeing mathematics and science education. Rather, ED is organized by educational level (elementary and secondary education and postsecondary education) and particular educational concern (e.g., educational research and improvement, and vocational, bilingual, and special education). Mathematics and science education activities are carried out within these larger units.

## Administrative Offices for Mathematics and Science Education

### Office of Educational Research and Improvement (OERI)

The Office of Educational Research and Improvement supports and conducts research on education, collects and analyzes education statistics, disseminates information, and supports and improves library education and services. The Eisenhower National Program specifically supports mathematics and science. In general, however, mathematics and science are part of the broader OERI educational mission.

Office of Educational Research and Improvement  
Office of Reform Assistance and Dissemination  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20808-5645  
(202) 219-2116/Fax: (202) 219-2053

## Office of Elementary and Secondary Education (OESE)

The Office of Elementary and Secondary Education supports elementary and secondary education through such programs as the Eisenhower Professional Development Program. The Eisenhower Professional Development Program supports sustained and intensive high-quality professional development in the core academic subjects, including mathematics and science. Other programs within OESE, such as Title I, Compensatory Education, have a broader educational mission and also support professional development.

Office of Elementary and Secondary Education  
U.S. Department of Education  
600 Maryland Avenue SW  
Washington, DC 20202-6100  
(202) 401-0113

## Office of Postsecondary Education

The Office of Postsecondary Education supports postsecondary education through Federal student aid and programs in higher education, including international education, Historically Black Colleges and Universities, and accreditation. Although most of the programs do not specifically target mathematics and science education, they may be used to support mathematics and science education.

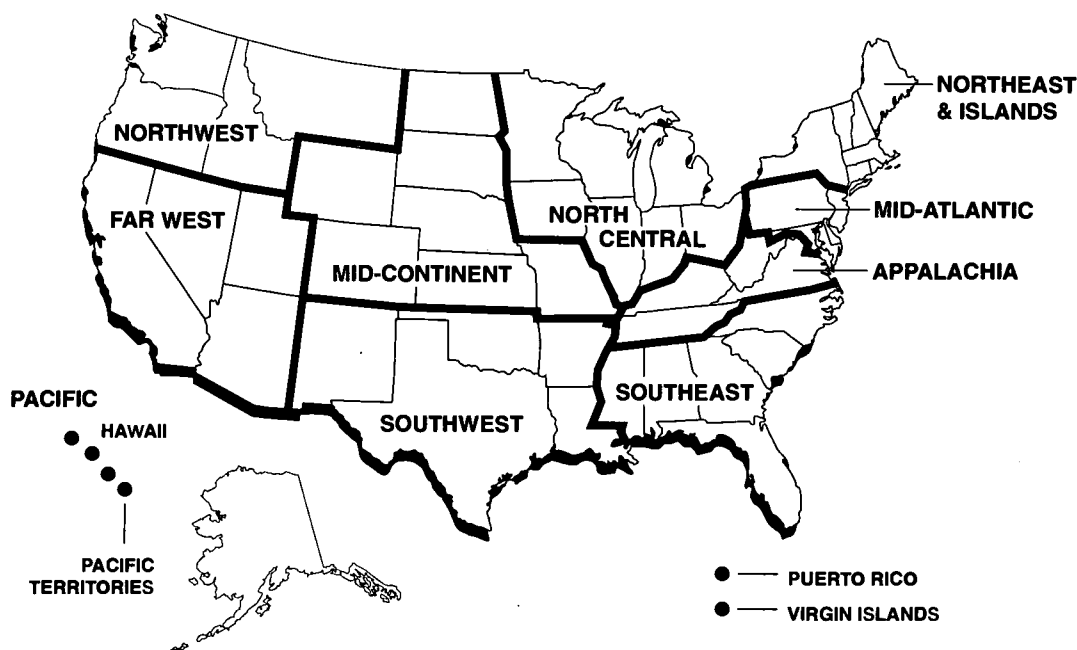
Lawrence P. Grayson  
Office of Postsecondary Education  
U.S. Department of Education  
600 Maryland Avenue, Room 3082  
Washington, DC 20202-5100  
(202) 708-5662



# Department of Education

## Eisenhower National Clearinghouse and Regional Consortia

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The Eisenhower National Program supports a National Clearinghouse and 10 Regional Consortia that together form a coordinated, field-based network to promote systemic reform of mathematics and science education. Working closely with the Regional Consortia, the Eisenhower National Clearinghouse collects, catalogs, and disseminates information, curriculum materials, and other resources for K-12 mathematics and science education. At the State and local levels, the Regional Consortia provide information and technical assistance to educators and policymakers. The regional service boundaries of the consortia are identical to those of the regional educational laboratories.

### REGIONAL CONSORTIA

#### **Appalachia Region**

Eisenhower Regional Consortium for Math and Science at AEL  
Charleston, West Virginia

#### **Far West Region**

WestEd Eisenhower Regional Consortium for Science and Mathematics Education  
San Francisco, California

#### **Mid-Atlantic Region**

Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education  
Philadelphia, Pennsylvania

#### **Mid-continent Region**

Eisenhower High Plains Consortium for Mathematics and Science  
Aurora, Colorado

#### **North Central Region**

Midwest Consortium for Mathematics and Science Education  
Oak Brook, Illinois

#### **Northeast and Islands Region**

Regional Alliance for Mathematics and Science Education Reform  
Montpelier, Vermont, and Cambridge, Massachusetts

#### **Northwest Region**

Science and Mathematics Consortium for Northwest Schools  
Portland, Oregon

#### **Pacific Region**

Pacific Mathematics and Science Regional Consortium  
Honolulu, Hawaii

#### **Southeast Region**

Eisenhower Consortium for Mathematics and Science Education at SERVE  
Tallahassee, Florida

#### **Southwest Region**

Southwest Consortium for the Improvement of Mathematics and Science Teaching  
Austin, Texas

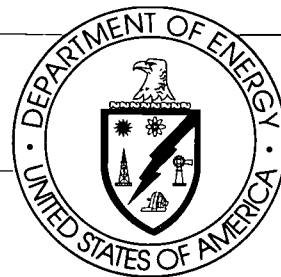
### NATIONAL CLEARINGHOUSE

Eisenhower National Clearinghouse for Mathematics and Science Education  
Columbus, Ohio

### NATIONAL PROGRAM OFFICE

Eisenhower Professional Development Federal Activities Program  
Office of Educational Research and Improvement  
Washington, DC

# U.S. Department of Energy



**E**ducation is the foundation on which our future prosperity as a Nation and people will be based. The Department of Energy is committed to ensuring that our young people receive the best education possible in the particularly critical fields of mathematics, science, and technology. Department of Energy programs in mathematics and science education range across all educational levels with special emphasis placed on helping women and minority students become full partners in the Nation's scientific and technical enterprise.

Hazel R. O'Leary, Secretary  
U.S. Department of Energy

## Mission

We possess the human and physical assets to achieve the mission that follows:

The Department of Energy, in partnership with our customers, is entrusted to contribute to the welfare of the Nation by providing the technical information and the scientific and educational foundation for the technology, policy, and institutional leadership necessary to achieve efficiency in energy use, diversity in energy sources, a more productive and competitive economy, improved environmental quality, and a secure national defense.

## Background

DOE was created in 1977 by the Department of Energy Organization Act, which consolidated into one Cabinet-level department the responsibilities previously carried out under the Atomic Energy Commission; the Energy Research and Development Administration; several other small, independent energy-related agencies; and offices in other Federal departments. DOE and its contractors employ approximately 146,000 men and women, more than one-third of whom fill positions in DOE's scientific, engineering, and technical workforce. In addition to DOE's Headquarters components, the Department has an extensive field structure of national laboratories, research facilities, regional operations and support offices, and regional power administrations that are dispersed across urban and rural areas of the United States.

## Role in Mathematics and Science Education

In recognition of its need for well-educated, highly skilled scientific and technical personnel to carry out its basic research and development and operational missions, DOE has made education an essential part of its mission. DOE provides opportunities for students and faculty to utilize its laboratories and facilities for hands-on research experiences. DOE supports the national effort to improve science education for all students through local and regional educational partnerships. DOE promotes increased participation of traditionally underrepresented populations in mathematics, science, engineering, and technology in the Department's education programs and partnerships.

### Elementary and Secondary

DOE utilizes the unique scientific and technical resources of its laboratories through local and regional education partnerships with urban and rural school districts, businesses, and industry. These partnerships introduce new approaches to teaching science and mathematics and contribute to systemic improvement in science, mathematics, engineering, and technology education.

### Higher Education

As part of a continuum of efforts to keep students in the science pipeline, DOE supports undergraduate, graduate, postgraduate, and faculty-level science education programs, including those that encourage students from underrepresented groups to pursue scientific and technical studies and participate in cutting-edge research. These activities include research participation appointments, fellowships, faculty institutes and workshops, conferences, and visiting staff lectures.

## How Mathematics and Science Education Programs Are Administered

DOE educational programs are administered by the Office of Science Education and Technical Information through its 10 national laboratories, more than 30 specialized research facilities, and area, field, regional, and operation offices. Each facility conducts its own education programs and makes its resources available to precollege and university faculty and students. Each center plans and administers a range of precollege and university science education programs that vary according to laboratory specializations and local needs. The programs place special emphasis on providing students and their teachers with hands-on experiences in cutting-edge science and technology.

## Administrative Offices for Mathematics and Science Education

### AlliedSignal Aerospace Company

AlliedSignal Aerospace operates the Kansas City Plant to produce nonnuclear components. Production activities are directed toward electrical and electronic, mechanical, and plastic products.

Richard Bennett  
AlliedSignal Aerospace Company  
2000 East 95th Street, P.O. Box 419159  
Kansas City, MO 64141-6159  
(816) 997-5937/Fax: (816) 997-7259

### Ames Laboratory

The Ames Laboratory conducts fundamental research in the physical, chemical, materials, mathematical, engineering, and environmental sciences that underlie energy-generating, conversion, and transmission technologies.

Connie Hargrave, Ph.D.  
Manager, Education Programs  
Ames Laboratory  
Iowa State University  
Ames, IA 50011  
(515) 294-5343/Fax: (515) 294-9682  
E-mail: cph@iastate.edu

### Argonne National Laboratory

The Argonne National Laboratory is a large multiprogram laboratory operated by the University of Chicago for the U.S. Department of Energy. The

laboratory's mission is basic research and technology development to meet national goals in energy technology, environmental quality, industrial competitiveness, scientific leadership, and educational infrastructure. The Argonne National Laboratory strives continually to improve its leading-edge capabilities in science and engineering, with an emphasis on its recognized core competencies.

Margret E.M. Tolbert, Ph.D.  
Director, Division of Educational Programs  
Argonne National Laboratory  
9700 South Cass Avenue, Building 223  
Argonne, IL 60439  
(708) 252-4114/Fax: (708) 252-3193  
E-mail: tolbert@dep.anl.gov

### Associated Western Universities, Inc.

The Associated Western Universities, Inc., is a consortium of 62 colleges and universities that administers a variety of national and regional science education programs.

Thomas Squires, President  
Associated Western Universities, Inc.  
4190 South Highland Drive, Suite 211  
Salt Lake City, UT 84124  
(801) 273-8900/Fax: (801) 277-5632  
E-mail: info@sl.awu.org

### Associated Western Universities, Inc.—Northwest Division

The Associated Western Universities, Inc.—Northwest Division administers science education programs at the Hanford Site in Richland, Washington.

Robert B. Green, Vice President  
Associated Western Universities, Inc.—Northwest Division  
723 The Parkway, Suite 100  
Richland, WA 99352  
(509) 946-3800/Fax: (509) 946-3819  
E-mail: green\_r@nw.awu.org

### Bates Linear Accelerator Center

Bates Linear Accelerator Center is an academic nuclear physics research laboratory operated by the Massachusetts Institute of Technology that produces highly skilled nuclear engineers and scientists.

Wade Sapp, Principal Research Scientist  
Bates Linear Accelerator Center  
P.O. Box 846  
Middleton, MA 01949  
(617) 253-9200/Fax: (617) 253-9599

## **Bechtel Nevada**

Bechtel Nevada provides architectural and engineering services to the U.S. Department of Energy at the Nevada Test Site and monitors groundwater to track radionuclide transport.

Dawn Merritt, Communications Manager  
Bechtel Nevada  
Public and Employee Communications  
P.O. Box 98521, M/S-0039  
Las Vegas, NV 89193-8521  
(702) 295-5792/Fax: (702) 295-1859

## **Bonneville Power Administration**

The Bonneville Power Administration is a DOE power marketing administration that services the Pacific Northwest States (Idaho, western Montana, Oregon, and Washington).

Joan McNamara, Community Education  
Coordinator  
Bonneville Power Administration  
P.O. Box 3621 CKPP  
Portland, OR 97208-3621  
(503) 230-3709/Fax: (503) 230-4019

## **Brookhaven National Laboratory**

The Brookhaven National Laboratory conducts applied research in the physical, biomedical, and environmental sciences and in selected energy technologies.

Karl Swyler, Head  
Educational Programs  
Brookhaven National Laboratory  
14 Brookhaven Avenue, Building 438  
P.O. Box 5000  
Upton, NY 11973  
(516) 282-7171/Fax: (516) 282-5832  
E-mail: swyler@bnl.gov

## **Continuous Electron Beam Accelerator Facility**

The Continuous Electron Beam Accelerator Facility supports research and education in nuclear physics and advances knowledge and technology in accelerator physics, electron beams, detector equipment, data acquisition, and superconducting radiofrequency technology.

Dr. Beverly K. Hartline, Associate Director  
Continuous Electron Beam Accelerator Facility  
12000 Jefferson Avenue  
Newport News, VA 23606  
(804) 249-7567/Fax: (804) 249-5065  
E-mail: hartline@cebaf.gov

## **Fermi National Accelerator Laboratory**

The Fermi National Accelerator Laboratory conceives, develops, constructs, and operates complex research facilities for the fundamental research of high-energy physics and the properties of matter.

Marge Bardeen, Education Office  
Fermi National Accelerator Laboratory  
P.O. Box 500, MS 226  
Batavia, IL 60510  
(708) 840-3092/Fax: (708) 840-8248  
E-mail: mbardeen@fnal.gov

## **Fernald Environmental Management Project**

The Fernald Environmental Management Project concentrates on waste management, environmental restoration, and other environmental safety and health compliance issues.

Sue Walpole, Education Outreach  
Fernald Environmental Management Project  
P.O. Box 538704  
Cincinnati, OH 45253-8704  
(513) 648-6321/Fax: (513) 648-6903  
E-mail: Susan.Walpole@em.doe.gov

## **Idaho National Engineering Laboratory**

The Idaho National Engineering Laboratory builds nuclear reactors and support equipment, reprocesses nuclear fuel, processes liquid waste, disposes low-level waste, and conducts research in biotechnology, electric vehicles, and waste management.

Dr. Constance C. Blackwood  
Idaho National Engineering Laboratory  
1520 Sawtelle Drive  
Idaho Falls, ID 83405-2437  
(208) 526-9221/Fax: (208) 526-1880  
E-mail: cb6@inel.gov

## **Inhalation Toxicology Research Institute (ITRI)**

The Inhalation Toxicology Research Institute conducts basic and applied research to improve understanding of the nature and magnitude of the impact on human health of inhaling airborne materials.

Marcy Wood, Specialist  
Inhalation Toxicology Research Institute  
P.O. Box 5890  
Albuquerque, NM 87185  
(505) 845-1257/Fax: (505) 845-1198

## **Lawrence Berkeley National Laboratory**

The Lawrence Berkeley National Laboratory supports a wide range of research activities in fields ranging from astrophysics to energy conservation.

Roland Otto, Director  
Lawrence Berkeley National Laboratory  
Center for Science and Engineering Research  
One Cyclotron Road, Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660  
E-mail: rjotto@lbl.gov

## **Lawrence Livermore National Laboratory**

The Lawrence Livermore National Laboratory serves as a major national resource in applied science and engineering to meet vital U.S. needs.

Eileen Vergino, Education Program Manager  
Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 422-3907/Fax: (510) 422-5761  
E-mail: verginoes@llnl.gov

## **Los Alamos National Laboratory**

The Los Alamos National Laboratory has the dual mission of developing nuclear weapons and of applying science and technology to major problems of interest to the country.

Judith Kaye, Group Leader  
Science Education and Outreach  
Los Alamos National Laboratory  
P.O. Box 1663/HR-Sto, P278  
Los Alamos, NM 87545  
(505) 667-1919/Fax: (505) 665-4093  
E-mail: jkaye@lanl.gov

## **Morgantown Energy Technology Center**

The Morgantown Energy Technology Center conducts research on fossil energy, clean coal technology, and environmental protection.

Larry Headley  
Morgantown Energy Technology Center  
P.O. Box 880  
Morgantown, WV 26507-0880  
(304) 285-4314/Fax: (304) 285-4292  
E-mail: LHEADL@METC.DOE.GOV

## **Mound Facility**

The Mound Facility is an integrated research, development, and production facility that performs work in support of DOE energy programs, with an emphasis on environmental management, waste treatment, and nuclear technology.

Lucy Anne McKosky  
Education Outreach Coordinator  
EG&G Mound Applied Technologies, Inc.  
P.O. Box 3000  
Miamisburg, OH 45343-3000  
(513) 865-4332/Fax: (513) 865-3952  
E-mail: mcKola@DOE.MD.GOV

## **National Institute for Petroleum and Energy Research (NIPER)**

The National Institute for Petroleum and Energy Research was established in Bartlesville, Oklahoma, in 1918 as a research laboratory to aid the development of the region's oil and gas industry. NIPER's efforts are currently focused on supporting the U.S. Department of Energy's National Oil Program. Research, development, and technology transfer programs at NIPER aid independent operators in applying methods to sustain production of oil and gas from domestic reservoirs and provide reliable data for processing heavy crude oils.

Judy Kokesh, Technology Transfer Specialist  
National Institute for Petroleum and Energy  
Research  
Education Office  
P.O. Box 2565  
Bartlesville, OK 74005  
(918) 337-4508/Fax: (918) 337-4365  
E-mail: jkokesh@aol.com



## **National Renewable Energy Laboratory (NREL)**

The National Renewable Energy Laboratory provides teacher workshops, student internships, and summer programs for students and teachers. NREL works with several partnership programs, including the National Science Foundation Colorado Statewide Systemic Initiative. NREL conducts student competitions and is the national contact for the Junior Solar Sprint Competition.

Linda Lung, Education Programs Manager  
1617 Cole Boulevard, Building 15  
Golden, CO 80401-3933  
(303) 275-3044/Fax: (303) 275-3076  
E-mail: lungl@tcplink.nrel.gov

## **Naval Petroleum Reserves**

The Naval Petroleum Reserves is responsible for managing, operating, maintaining, and producing the Naval Petroleum Reserves in California. The Reserves work to achieve the greatest value and benefits to the United States with consideration of the interests of the joint owners.

Todd Goode, Public Affairs Coordinator  
Naval Petroleum Reserves in California  
U.S. Department of Energy  
P.O. Box 87  
Tupman, CA 93276  
(805) 763-6067/Fax: (805) 763-6699

## **Nevada Operations Office (DOE)**

The Department of Energy Nevada Operations Office manages outreach programs and teacher training programs and provides information on regional programs.

Elizabeth H. Donnelly  
Community Services Specialist  
DOE Operations Office, Nevada  
Public Affairs and Information Office  
P.O. Box 98518  
Las Vegas, NV 89193-8518  
(702) 295-1640/Fax: (702) 295-0154

## **Oak Ridge Institute for Science and Education**

The Oak Ridge Institute for Science and Education administers a wide range of local, national, and international programs in energy-related education, training, and research.

Wayne Stevenson, Assistant Director  
Oak Ridge Institute for Science and Education  
Science/Engineering Education Division  
P.O. Box 117  
Oak Ridge, TN 37831-0117  
(423) 576-3283/Fax: (423) 241-5219  
E-mail: stevensw@ornl.gov

## **Oak Ridge National Laboratory (ORNL)**

The Oak Ridge National Laboratory conducts basic and applied research and development to meet energy and environmental challenges, including competencies in energy production and uses, environmental science and technology, advanced materials, Newton-based science, and high-performance computing.

Linda Cain, Director  
Oak Ridge National Laboratory  
Office of Science Education and External Relations  
105 Mitchell Road, MS 6496  
P.O. Box 2008  
Oak Ridge, TN 37831-6496  
(423) 576-3886/Fax: (423) 241-6776  
E-mail: 9lc@ornl.gov

## **Oak Ridge Operations Office**

The Oak Ridge Operations Office provides outreach programs to local precollege schools, conducts environmental education activities, and provides information about regional programs.

Greg Mills, Education Coordinator  
DOE Oak Ridge Operations Office  
ORNL Site Office, ER-111  
Oak Ridge National Laboratory  
Building 4500 North, MS 6269  
P.O. Box 2008  
Oak Ridge, TN 37831  
(423) 576-0951/Fax: (423) 574-9275  
E-mail: millsga@ornl.gov

## **Pacific Northwest Laboratory**

The Pacific Northwest Laboratory offers a broad array of research and development capabilities, with a focus on environmental quality, transfer of scientific knowledge, and engineering innovations.

Jeff Estes, Deputy Manager  
University and Science Education Programs  
Pacific Northwest National Laboratory  
P.O. Box 999, MS K1-22  
Richland, WA 99352  
(509) 375-2820/Fax: (509) 375-2576  
E-mail: jc\_estes@pnl.gov

## **Pantex Plant**

The Pantex Plant has five primary operational missions. These missions are as follows: to fabricate chemical high-explosive components for nuclear weapons; to assemble nuclear weapons for the Nation's stockpile; to maintain and evaluate those weapons; to disassemble those weapons being retired from the stockpile; and to serve as an interim storage site for plutonium components from retired weapons.

Debra Halliday, Educational Outreach  
Coordinator  
Pantex Plant, External Affairs, Building 16-12  
P.O. Box 30020  
Amarillo, TX 79177  
(806) 477-5038/Fax: (806) 477-5743  
E-mail: goh\_dhallida@pantex.com

## **Pinellas Plant**

The Pinellas Plant ended its Defense Program Mission in 1994 and is aggressively promoting the Plant's technology to develop commercial products. High technology once used for the weapons stockpile and a highly skilled workforce make the plant a unique and valuable asset to the community.

Shirley Cheatham, Manager, Public Affairs  
Pinellas Plant  
Martin Lockheed Specialty Components  
P.O. Box 2908  
Largo, FL 34649-2908  
(813) 541-8263/Fax: (813) 541-8778

## **Pittsburgh Energy Technology Center**

The Pittsburgh Energy Technology Center conducts research on synthetic liquid fuels, coal combustion and gasification, and related phenomena.

Fred Brown, Pittsburgh Energy Technology Center  
Office of Research and Development  
P.O. Box 10940  
Pittsburgh, PA 15236  
(412) 892-5942/Fax: (412) 892-6204

## **Princeton Plasma Physics Laboratory**

The Princeton Plasma Physics Laboratory conducts research in magnetic fusion through the use of a Tokamak Fusion Test Reactor and associated experimental equipment.

Diane Carroll, Head  
Science Education Program  
Princeton Plasma Physics Laboratory  
Princeton University, James Forrestal Campus  
Route 1, P.O. Box 451  
Princeton, NJ 08543  
(609) 243-2107/Fax: (609) 243-2749  
E-mail: dcarroll@pppl.gov

## **Rocky Flats Plant**

The Rocky Flats Plant is a key facility in nuclear weapons research, development, and production.

Laura Schachter, Educational Outreach  
Coordinator  
Rocky Flats Plant, Community Relations  
P.O. Box 928  
Golden, CO 80402-0928  
(303) 966-2000/Fax: (303) 966-3418

## **Sandia National Laboratories, California**

The Sandia National Laboratories apply engineering and scientific capabilities to nuclear weapons technology, energy research, and other areas of national interest.

Karen P. Scott, Education Outreach Program  
Manager  
Sandia National Laboratories/California  
7011 East Avenue, MS 9904  
P.O. Box 969  
Livermore, CA 94550  
(510) 294-3760/Fax: (510) 294-1526  
E-mail: KPScott@Sandia.gov

## **Sandia National Laboratories, New Mexico**

The Sandia National Laboratories apply engineering and scientific capabilities to nuclear weapons technology energy research and other areas of national interest.

Anthony Thornton, Ph.D.

Director

Diversity Leadership and Education Outreach

Sandia National Laboratories/New Mexico

P.O. Box 5800, MS 1088

Albuquerque, NM 87185-1088

(505) 844-4929/Fax: (505) 844-4624

E-mail: althorn@sandia.gov

### **Savannah River Ecology Laboratory (SREL)**

The Savannah River Ecology Laboratory acquires and communicates knowledge of ecological processes and principles.

J. Vaun McArthur, Environmental Outreach and  
Education Division, Drawer E

Aiken, SC 29802

(803) 725-2472/Fax: (803) 725-3309

E-mail: mcarthur@srel.edu

### **Savannah River Site (SRS)**

The Savannah River Site, which covers 310 square miles along the Savannah River, is a large parcel of land that is simultaneously a Superfund site and the Nation's first national environmental research park.

Lynn Bertsch, Education Programs

Economic Development Division

Westinghouse Savannah River Company

P.O. Box 616

Aiken, SC 29801

(803) 652-1813/Fax: (803) 652-1898

E-mail: lynn.bertsch@srs.gov

### **Stanford Linear Accelerator Center**

The Stanford Linear Accelerator Center carries out experimental and theoretical research in elementary-particle physics and develops new techniques for particle acceleration.

Helen Quinn, Education Officer

Stanford Linear Accelerator Center

P.O. Box 4349, Bin-81

Stanford, CA 94309

(415) 926-2713/Fax: (415) 926-4500

E-mail: quinn@slac.stanford.edu

### **Strategic Petroleum Reserve**

The Strategic Petroleum Reserve stockpiles crude oil and supplements oil supplies in the marketplace.

Durinda Robinson

Strategic Petroleum Reserve

900 Commerce Road East

New Orleans, LA 70123

(504) 734-4312/Fax: (504) 734-4427

### **Western Area Power Administration (WAPA)**

The Western Area Power Administration markets and distributes Federal power and capacity to a service area that covers 15 of the western States.

Sue Silva

Western Area Power Administration

P.O. Box 3402

Golden, CO 80401-3402

(303) 275-1214/Fax: (303) 275-1717



# U.S. Department of Health and Human Services



**I**f this country is to tackle one of the most difficult problems we face today—quality health care for all—it is critical that the public understand the science that underlies health. A scientifically informed citizenry is more likely to value the importance of disease prevention strategies and to act on that understanding. Because science is a life-long learning process we must nurture it in its earliest stages—at the preschool and elementary school levels—and allow our interest and knowledge in it to broaden throughout our adult lives.

Donna E. Shalala, Secretary  
U.S. Department of Health and Human  
Services

## Mission

The U.S. Department of Health and Human Services (HHS) is the Federal Government's principal agency for promoting the health of Americans, providing essential human services, carrying out clinical and basic biomedical and behavioral research, and providing support for predoctoral and postdoctoral research training in the life sciences. HHS also has long been concerned with the depth and quality of the scientific workforce, and for this reason has launched a comprehensive life sciences education initiative.

## Background

Created in 1980 from what was formerly the U.S. Department of Health, Education, and Welfare, HHS has the largest budget of all Federal departments. The work of HHS is implemented by the Office of the Secretary and four operating divisions—the Social Security Administration, the Health Care Financing Administration, the Administration for Children and Families, and the Public Health Service (PHS). The Public Health Service is the HHS agency with the major mission in science education.

In 1990 the Assistant Secretary for Health established the Public Health Service Life Sciences Education and Science Literacy Board. The Board was charged with developing strategies for ensuring an adequate pool of well-trained personnel to meet future national needs in the life sciences and increasing the level of scientific

understanding among youth and adults in the United States. The Board's first significant action was to host the Prologue to Action: Life Sciences Education and Science Literacy Conference. The Conference brought together experts from across the educational and scientific communities to provide recommendations on the role PHS agencies can play in improving science education. Recommendations made at the Conference form the basis for PHS' strategy on life sciences education and public understanding of science, *Meeting the Challenge: Achieving Results*.

## Role in Mathematics and Science Education

While many Federal agencies have broad educational missions that include support for science education and training, none focus specifically on biomedical and behavioral science education or literacy. HHS uses its expertise in the life sciences to provide new and expanded initiatives to support the national education efforts. The bulk of the Department's science education programs at the precollege and undergraduate levels are targeted toward bringing students who are traditionally underrepresented in the life sciences into the science education pipeline and supporting them as they move into the health professions, graduate programs, and research careers. Through its Public Health Service, HHS is increasing the public's understanding and appreciation for the life sciences, increasing the exposure of students at all levels to biomedical and behavioral research, and expanding efforts to recruit and retain underrepresented groups.

## Elementary and Secondary

Traditionally, HHS-supported training has focused on graduate and postdoctoral students. However, with the recent decrease in the number of high school and college students majoring in the sciences, the Department has begun to dedicate more of its education and training efforts to pre-college education. The Department views science education as a continuum from preschool to adulthood. Elementary programs such as partnerships with local schools and school systems, and the Summer Internship Program at the

high school level, allow PHS to use its greatest resource—its scientists and technical staff—to increase the enthusiasm of both teachers and students for science.

The Department also offers programs targeted to the important transitional period from junior to senior high, as well as its longstanding program for minority high school students, the Minority High School Student Research Apprentice Program (MHSSRAP). HHS also provides K–12 teachers with workshops and research opportunities and collaborates with them to increase opportunities for interaction with scientists, consult on curriculum-improvement projects, and explore collaborative activities with other public- and private-sector organizations.

### **Higher Education**

To ensure the availability of well-trained professionals to meet national health research goals, graduate support has been the primary emphasis of HHS education programs. This highly successful effort has nurtured many of the newest disciplines in the life sciences today—biotechnology, human genome research, and the search for the biologic components of mental illness. Integral to the Department's mission, graduate training is a stated requirement in section 487 of the Public Health Service Act.

The efforts of HHS to recruit and retain talented undergraduate students in life sciences careers are accomplished primarily through direct financial support—grants, traineeships, and awards—to individuals and institutions. As in its programs for graduates, at the undergraduate level the Department supports students traditionally underrepresented in the life sciences. Longstanding programs like the Minority Access to Research Careers Honors Undergraduate Research Training Program, the Minority Biomedical Research Support Program, and the Health Careers Opportunity Program demonstrate the Department's commitment to this goal.

### **Public Understanding of Science**

Public understanding of science is an important HHS priority. An informed public is better able to make informed judgments about the personal and societal implications of science and technology. Life sciences literacy improves the public's ability to be more effective health care consumers. Within the Department,

PHS agencies are examining their programs to determine where science education messages can be more fully integrated into existing disease prevention, health promotion, consumer education, and other public outreach programs. The Department is also spearheading an interagency effort to increase the public's understanding of science by chairing the National Science and Technology Council on Education and Training Working Group on Public Understanding of Science.

## **How Mathematics and Science Education Programs Are Administered**

The Public Health Service is the operating division within the Department of Health and Human Services that is most involved with science education. The agencies within PHS administer their own educational programs, although several PHS-wide efforts are currently underway through the Life Sciences Education and Science Literacy Board. The Office of Science Education Policy at the National Institutes of Health is responsible for policy development and coordination of science and training efforts for the Public Health Service and HHS.

## **Administrative Offices for Mathematics and Science Education**

### **Office of Grant Inquiries**

In addition to providing general information on grant programs, the Office of Grant Inquiries has publications on research and training opportunities. For more information on higher education programs, request the booklet *Research Training and Career Development Programs Supported by the National Institutes of Health*.

Office of Grant Inquiries  
Division of Research Grants  
National Institutes of Health  
6701 Rockledge Drive  
Suite 3032, MSC 7762  
Bethesda, MD 20892  
(301) 435-0714

## **Office of Science Education (OSE)**

The Office of Science Education serves the National Institutes of Health intramural community, the wider scientific community, and the Nation by developing and sponsoring outstanding programs in science education and biomedical research training. OSE provides leadership in the national effort to increase public understanding and appreciation of science and its role in the development of new therapies and new approaches to health.

Irene Anne Eckstrand, Acting Director  
Office of Science Education  
National Institutes of Health  
6100 Executive Boulevard, Room 5H01  
Bethesda, MD 20892  
(301) 402-2469

# U.S. Department of Housing and Urban Development



**T**he Nation's cities will be severely tested by the technology-driven global workplaces of the 21st century. A country that once lived with a minimum-skilled workforce now needs the most technically proficient, adaptable workforce possible. This change can only come about through marked achievements in education. The results will be directly related to the future economic and social well-being of our cities.

Henry G. Cisneros, Secretary  
U.S. Department of Housing and Urban  
Development

## Mission

The U.S. Department of Housing and Urban Development (HUD) is the principal Federal agency responsible for programs concerned with the Nation's housing needs, fair housing opportunities, and the development and improvement of the Nation's communities.

## Background

The Department was established in November 1965. Major Offices include Housing, which administers the Federal Housing Administration (FHA) mortgage insurance programs; Community Planning and Development, which administers the Block Grant funds to States and cities for urban improvement projects and funds homeless programs; Public and Indian Housing, which funds the construction and renovation of publicly-owned and managed housing through local Public and Indian Housing Authorities; Fair Housing and Equal Opportunity, which enforces anti-discrimination laws and promotes open housing plans; and Policy Development and Research, which formulates new initiatives and evaluates program experience. HUD's programs are administered through a national network of 70 State and local offices.

## Role in Mathematics and Science Education

HUD is not directly involved in programs of mathematics and science education. However, the Department strongly supports the National Education Goals as an integral part of its commitment to strengthen families and communities. HUD's programs and activities affecting education focus on the special populations served by the Department, particularly low-income families receiving housing assistance, families in public housing, and minorities.

## How Mathematics and Science Education Programs Are Administered

Each office within the Department is responsible for administering its own education programs.

### Office of Community Planning and Development

The Department has a program of assistance to Historically Black Colleges and Universities that both builds the capabilities of the institution and involves faculty and students in real-world problems of economics, planning, and social issues in nearby communities.

Dr. James Turk  
Office of Community Planning and Development  
U.S. Department of Housing and Urban  
Development  
451 Seventh Street SW, Room 7218  
Washington, DC 20410  
(202) 708-3176

### Office of Lead-Based Paint Abatement and Poisoning Prevention

In December 1991 HUD created an Office of Lead-Based Paint Abatement and Poisoning Prevention to develop guidelines and regulations applicable to HUD and other federally supported housing programs to ensure that residents of these housing units

are safe from the hazards of lead-based paint. While this Office supports a program of public information about these hazards, EPA manages the national information clearinghouse.

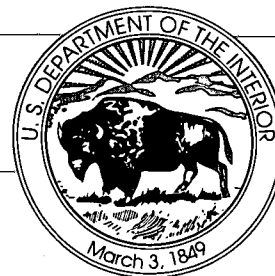
Ronald Morony, Deputy Director  
Office of Lead-Based Paint Abatement and  
Poisoning Prevention  
U.S. Department of Housing and Urban  
Development  
451 Seventh Street SW  
Washington, DC 20410  
(202) 755-1739/Fax: (202) 755-1000

### **Office of Public and Indian Housing**

HUD's child-care assistance program supports the goal of early intervention for children entering school. No programs, however, prescribe content of the child-care activities or the early-childhood curriculum. The Department strongly supports the concept of drug education and prevention for school-age children as a way to help make public housing communities drug free. Most Department-sponsored drug prevention programs have education components.

Sonya Burgos  
Office of Public and Indian Housing  
U.S. Department of Housing and Urban  
Development  
451 Seventh Street SW  
Washington, DC 20410  
(202) 708-1197/Fax: (202) 401-7965

# U.S. Department of the Interior



**E**ducation is the key to unlocking the vast potential of the individual and the means by which society will meet the myriad social, economic, and environmental challenges of the future.

Bruce Babbitt, Secretary  
U.S. Department of the Interior

## Mission

As the Nation's principal conservation agency, the U.S. Department of the Interior (DOI) has responsibility for most of our nationally owned public lands and natural resources. This responsibility includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

## Background

The Department of the Interior was formed on March 3, 1849. The natural resource stewardship responsibilities of the Department are carried out by its 9 bureaus with more than 60 regional and 1,500 field offices.

## Role in Mathematics and Science Education

DOI's stewardship mission and its extensive scientific and technological expertise present unique opportunities for educational outreach. With more than 440 million acres of land, 467 wildlife refuges, 75 fish hatcheries, and 356 national parks, including battlefields and seashores, DOI provides many opportunities for people to learn about science by observing nature firsthand.

## Elementary and Secondary

About half of the Department's precollege efforts directly support students through workshops, informal classes, and student work appointments. DOI offers educational activities at its many field sites, develops curriculum materials, and provides educational opportunities to special populations. In addition, the Department supports mathematics and science instruction at the Bureau of Indian Affairs schools.

## Higher Education

The majority of DOI's undergraduate programs provide student support, mostly in the form of student work appointments. Many of the bureaus enter into partnerships with State and academic institutions to further research and education in natural resource management. In addition, DOI provides support to Historically Black Colleges and Universities, Hispanic-serving institutions, and Native American Colleges and Universities. Graduate research programs fund basic and applied research and generate Earth science data. The Department also offers predoctoral and postdoctoral fellowships.

## Public Understanding of Science

Fostering effective stewardship of the Nation's public lands and resources is a top Department priority. With hundreds of parks, refuges, fish hatcheries, and other field sites, many opportunities exist for visitors to learn about science by observing nature firsthand.

## How Mathematics and Science Education Programs Are Administered

DOI's educational programs are administered by its 9 bureaus. Because the Department's education outreach is a grassroots effort, information requests can be handled more effectively by the DOI Field Offices and facilities listed in the State Highlights section of this publication.



## **Administrative Offices for Mathematics and Science Education**

### **Bureau of Indian Affairs (BIA)**

BIA works with tribal governments and Alaskan Native village communities to encourage and support tribal efforts to self-govern and to provide needed programs and services on the reservations. Developing forest lands, leasing mineral rights, directing agricultural programs, and protecting water and land rights are included in this responsibility. BIA funds 187 elementary and secondary schools in 23 States with more than 46,000 students enrolled in preschool, kindergarten, and grades 1 through 12; types of schools include day schools, on- and off-reservation residential schools, and peripheral dormitories. BIA also funds 23 Tribally Controlled Community Colleges and operates two post-secondary institutions. Higher education grants for undergraduate students, graduate student assistance, and adult education funds are made available through contract.

Charles G. Geboe, Chief  
Branch of Elementary and Secondary Education  
Office of Indian Education Programs  
Bureau of Indian Affairs  
U.S. Department of the Interior  
1849 C Street NW, MS 3512, MIB  
Washington DC 20240  
(202) 219-1129/Fax: (202) 219-9583  
E-mail: cgeboe@ENAN.UNM.EDU

### **Bureau of Land Management (BLM)**

The Bureau of Land Management manages, under the principles of multiple use and sustained yield for the benefit of all Americans, our Nation's public lands of approximately 270 million acres located primarily in the West and in Alaska, which constitute about one-eighth of our Nation's land area. BLM promotes natural resource and environmental education through a broad range of activities conducted by BLM field offices located in 12 western States and in areas scattered throughout the East. State offices can provide information on local district offices that sponsor environmental education programs.

Mary Tisdale, Chief  
Office of Environmental Education and Volunteers  
Bureau of Land Management  
1849 C Street NW, LS-Room 1275  
Washington, DC 20240  
(202) 219-9649/Fax: (202) 219-2493

### **Bureau of Reclamation (BOR)**

The Bureau of Reclamation's mission is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of safe and dependable water supplies for agricultural, municipal and industrial, and domestic users; to produce clean, renewable hydroelectric energy at Reclamation powerplants; to protect and improve water quality; to provide recreational and fish and wildlife benefits for the public; to enhance river regulation and navigation; and to control damaging floods.

Wayne Huston, Project WILD Coordinator  
Department of Wildlife and Fisheries  
P.O. Box 98000  
Baton Rouge, LA 70898-9000  
(504) 765-2922/Fax: (504) 763-3568

### **Minerals Management Service (MMS)**

The Minerals Management Service can provide a range of educational services available to teachers and students regarding the management of offshore natural gas, oil, and other mineral resources while, at the same time, safeguarding the environment. Information is available on a variety of subjects, including geology, environmental and socioeconomic sciences, marine biology, underwater archaeology, and beach restoration. MMS professionals have worked with schools in some States to develop energy resource curricula. Teacher inservice programs and classroom visitations may include videos (both VHS and interactive), booklets, brochures, posters, newsletters, slide presentations, and statistical and other off-the-shelf technical publications. Some of these materials are available upon request through the MMS headquarters or the MMS Regional Offices. Availability may be limited, but arrangements may be made for duplication of some materials at cost to the requester.

Office of Communications and Governmental Affairs  
Education Coordinator, Minerals Management Service  
U.S. Department of the Interior  
1849 C Street NW, MS 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

## **National Biological Service (NBS)**

The mission of the National Biological Service is to work with others to provide the scientific understanding and technologies needed to support the sound management and conservation of our Nation's biological resources.

Office of Public Affairs  
National Biological Service  
U.S. Department of the Interior  
1849 C Street NW  
Washington, DC 20240  
(202) 482-3048

## **National Park Service (NPS)**

The principal responsibility of NPS is to administer the National Park System. The system is composed of more than 370 areas of great diversity, including parks, monuments, historic sites, battlefields, sea-shores and lakeshores, and recreational areas.

Robert Huggins, Division of Interpretation  
National Park Service  
U.S. Department of the Interior  
P.O. Box 37127  
Washington, DC 20013-7127  
(202) 523-5270/Fax: (202) 523-0162

## **Office of the Secretary (OS)**

OS coordinates all education programs implemented by its bureaus and agencies through the DOI Education Committee. OS supports education efforts through several ongoing projects, such as the education program inventory, a coordinated education program evaluation effort, and a joint project for submission of products for the Internet.

Sylvia Jones, Education Coordinator  
Office of the Secretary  
U.S. Department of the Interior  
1849 C Street NW, MS 2759  
Washington, DC 20240  
(202) 208-3254/Fax: (202) 208-3620  
E-mail: SJones@IOS.DOI.GOV

## **Office of Surface Mining Reclamation and Enforcement (OSMRE)**

OSMRE's mission is twofold: to protect people and the environment from adverse effects of coal mining while recognizing the Nation's vital need for energy from coal. To that end, OSMRE regulates current mining operations and helps repair lands that were mined and left unreclaimed and abandoned in the past.

Sarah Donnelly, Chief  
Branch Training and Technical Information  
Office of Surface Mining Reclamation and Enforcement  
U.S. Department of the Interior  
1951 Constitution Avenue NW, Room 640 (NC)  
Washington, DC 20240  
(202) 343-1828/Fax: (202) 343-1512

## **U.S. Fish and Wildlife Service (FWS)**

The Fish and Wildlife Service's mission is to conserve, protect, and enhance fish and wildlife and their habitats for the continuing benefit of the American people. Migratory birds, endangered species, freshwater and anadromous fisheries, and certain marine animals are primary FWS responsibilities.

Jim Massey, Chief, Division of Education  
National Education and Training Center  
U.S. Fish and Wildlife Service  
U.S. Department of the Interior  
4401 North Fairfax Drive, MS 304 WEBB  
Arlington, VA 22203  
(703) 358-2504/Fax: (703) 358-2283  
E-mail: MasseyJ@mail.fws.gov

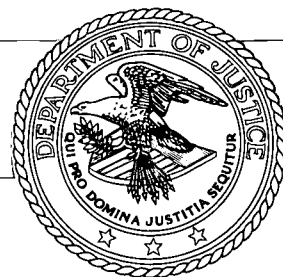
## **U.S. Geological Survey (USGS)**

The U.S. Geological Survey's mission is to provide geologic, topographic, and hydrologic information that contributes to wise management of the Nation's natural resources, and that promotes its peoples' health, safety, and well-being. This information consists of maps, databases, and descriptions and analyses of the water, energy, and mineral resources; land surface; underlying geologic structure; and dynamic processes of the Earth.

Denise Wiltshire  
Chair, USGS Education Committee  
U.S. Geological Survey  
116-E National Center  
Reston, VA 22092  
(703) 648-7114/Fax: (703) 648-7069



# U.S. Department of Justice



**W**e must work to free our teachers of the social burdens in our schools, such as drugs and violence, so that they may rise to the educational challenge of teaching our children the skills that will meet our Nation's growing scientific and technological needs. Only by making this investment in our children now will they be prepared to maintain America as a first-rate Nation.

Janet Reno, U.S. Attorney General  
U.S. Department of Justice

## Mission

The U.S. Department of Justice (DOJ) provides legal advice to the President, represents the Executive Branch in Federal courts, investigates Federal crimes, enforces Federal laws, operates Federal prisons, and provides law enforcement assistance to State and local communities.

## Background

The Office of the Attorney General was established in 1789, and the Department of Justice was subsequently established in 1870. The Department is labor intensive, relying heavily upon its personnel to fulfill its mission. Professionals of the highest caliber comprise the Department's many litigating divisions, law enforcement offices, and management and coordination offices.

## Role in Mathematics and Science Education

Compared with the Federal science mission agencies, the Department of Justice lacks a significant focus on mathematics and science-related occupations. However, the Department conducts numerous programs that support the national educational goals, including improving student performance in mathematics and science. In addition, mathematics and science play an important role in certain aspects of the Department's mission, particularly the laboratory operations of the Federal Bureau of Investigation and the Drug Enforcement Administration. Opportunities for the active participation of students in the scientific

endeavors of the Department are necessarily limited by the confidential nature of investigations into illegal activity and the need for security clearance.

## Elementary and Secondary

Most programs offered by DOJ are part of delinquency prevention or volunteer educational outreach, and are not directly related to mathematics or science education.

## Higher Education

DOJ activities have an indirect impact in the areas of education programs in mathematics and science. The Department awards research grants and sponsors graduate research fellowships and summer intern programs.

## How Mathematics and Science Education Programs Are Administered

While DOJ is not a leader among Federal agencies in the field of mathematics and science education, the National Institute of Justice, the Federal Bureau of Investigation, and the Drug Enforcement Administration sponsor programs related to the Department's research efforts.

## Administrative Offices for Mathematics and Science Education

### The Drug Enforcement Administration

The Drug Enforcement Administration supports drug investigations through the eight forensic laboratories located across the Nation. Chemists in these facilities participate in various educational activities.

Aaron P. Hatcher, III  
Deputy Assistant Administrator  
Office of Forensic Sciences  
Drug Enforcement Administration  
Washington, DC 20537  
(202) 307-8866/Fax: (202) 307-8851

## **The Federal Bureau of Investigation**

The Federal Bureau of Investigation provides training and research to law enforcement through the Forensic Science Research and Training Center. Research at the Center focuses on the development of new methods in forensic science. The Center operates a summer student intern program for upper-level college students.

Milton E. Ahlerich, Assistant Director  
Laboratory Division  
Federal Bureau of Investigation  
FBI Building, Room 3090  
9th Street and Pennsylvania Avenue NW  
Washington, DC 20535  
(202) 324-4410/Fax: (202) 324-1093

## **The National Institute of Justice, Office of Justice Programs**

Created in 1968 as DOJ's principal research branch, the National Institute of Justice awards competitive grants to researchers to conduct studies on the prevention and control of crime, the criminal justice system, and criminal behavior, or to improve scientific approaches to the forensic investigation of crime as well as the development and adaption of law enforcement technologies. The National Institute of Justice disseminates its research findings to the field through various conferences and publications. The Institute also sponsors graduate research fellowships to support work in the field of criminal justice.

Jane Wiseman  
National Institute of Justice  
633 Indiana Avenue NW, Room 846  
Washington, DC 20531  
(202) 616-3233/Fax: (202) 307-6394

# U.S. Department of Labor



**K**nowledge and skills the market demands. Our challenge is to provide every man and woman, student and worker, with the opportunity to acquire the academic and technical skills they need to achieve the economic security we all want.

Timothy M. Barnicle, Assistant Secretary  
of Labor for Employment and Training  
U.S. Department of Labor

## Mission

The U.S. Department of Labor's (DOL's) basic concern is quality of life for American workers. The Department enforces laws that protect jobs, pension rights, and worker safety and health; helps people find jobs; sponsors training for those who need it; guides the Nation's unemployment insurance system; monitors changes in employment and prices; and provides services and information to workers, employers, teachers, students, business people, government officials, and others.

## Background

The Department was created as a cabinet-level agency by Congress in 1913 "to foster, promote, and develop the welfare of the wage earners of the United States, to improve their working conditions, and to advance their opportunities for profitable employment." Predecessor agencies had existed since 1884, but this legislation marked the first time that a cabinet department was created with the primary function of furthering the interests of working people.

## Role in Mathematics and Science Education

For most agencies and offices within DOL, the major training activity is directed toward Federal staff, and in some cases, State and local staff, to help them carry out their responsibilities. The Department's Employment and Training Administration (ETA) also is involved in broad basic mathematics and science education and vocational training for unskilled and unemployed workers. Training activities focus on vocational technical training skills and basic literacy

education, including mathematics and general equivalency diploma (GED) preparation, which is generally provided outside the traditional education system.

Among other activities, ETA funds training programs to enable workers to gain the skills they need for employment, primarily those authorized by the Job Training Partnership Act (JTPA), which includes a system of decentralized State and local programs, funded through grants to the States, and the Job Corps.

## How Mathematics and Science Education Programs Are Administered

DOL's mathematics and science education programs are administered by the Department's Employment and Training Administration and operated at the State or community levels.

## Administrative Offices for Mathematics and Science Education

### Employment and Training Administration, Office of Employment and Training Programs

The Office of Employment and Training Programs administers programs for economically disadvantaged youth and adults.

Josephine Nieves, Administrator  
Office of Employment and Training Programs  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW, Room N4469  
Washington, DC 20210  
(202) 219-6236/Fax: (202) 219-7190

## **Employment and Training Administration, Office of Worker Retraining and Adjustment Programs**

The Office of Worker Retraining and Adjustment Programs administers programs for dislocated workers.

Office of Worker Retraining and Adjustment  
Programs  
Program Manager, Employment and Training  
Administration  
U.S. Department of Labor  
200 Constitution Avenue NW, Room N5426  
Washington, DC 20210  
(202) 219-5577/Fax: (202) 219-5938

## **Job Corps**

The Job Corps administers a network of residential training centers that prepare severely disadvantaged youth aged 16-24 for productive employment and entrance into vocational/technical schools, junior colleges, military service, or other institutions for further education and training.

John Chowning, Education Specialist  
Education and Enrollee Support Unit, Job Corps  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW, Room N4507  
Washington, DC 20210  
(202) 219-5556/Fax: (202) 219-5183

# U.S. Department of Transportation



**S**ound technological investments can promote long-term economic growth that creates jobs and protects the environment; can help make government more efficient; and can provide the basis for national leadership in application of new technology to economic growth.

Federico F. Peña, Secretary  
U.S. Department of Transportation

## Mission

The U.S. Department of Transportation (DOT) will shape the National Transportation Policy to "tie America together" with a safe, technologically advanced, and efficient transportation system that promotes economic growth and international competitiveness now and in the future, and contributes to a healthy and secure environment for us and our children.

## Background

Since 1967 the Department has helped keep the Nation's transportation system running. The Department functions through 10 operating administrations, each of which oversees a different aspect of transportation and implements its own programs directly, reporting to the Secretary of Transportation.

## Role in Mathematics and Science Education

Mathematics and science education is a critical support activity to ongoing DOT programs. Education conveys new technical skills to professionals already in the transportation community and develops a pool of trained technical talent to move into jobs in the transportation sector.

### Elementary and Secondary

The Federal Aviation Administration (FAA) offers aviation education programs for educators at all levels (K-college) that stimulate interest in mathematics and science for students of all ages. FAA-sponsored programs for students include Air Bear for elementary

students, the International Aviation Art Contest, and the Aviation Career Education (ACE) Academy summer program for high school students, which focuses on the science of flight and the study of science and careers. In addition, the Research and Special Programs Administration's Volpe National Transportation Systems Center encourages awareness of transportation careers.

## Higher Education

Institutions of higher education can receive DOT assistance, including funding to support curricula and grants for research related to transportation. The Department sponsors cooperative education programs, research fellowships, and scholarships. In addition, most DOT operating administrations have technical laboratories with advanced technology materials and are required to engage in research application and technology transfer activities. The Department is committed to increasing involvement of Historically Black Colleges and Universities and Hispanic-serving institutions in funded programs and activities.

## How Mathematics and Science Education Programs Are Administered

Each operating administration within the Department of Transportation is responsible for its own education programs.

## Administrative Offices for Mathematics and Science Education

### Federal Aviation Administration (FAA)

The FAA conducts an active aviation education program in response to public law, which promotes public understanding of civil aviation as well as career awareness. Programs focus on diversity and cultivation of student interest in mathematics and the sciences, and include even the youngest of students. To

support the development of effective aviation education programs at all levels, the FAA maintains a network of aviation education resource centers across the country, develops curriculum guides and supports teacher workshops, conducts youth programs, and establishes formal partnerships with industry and education organizations. The FAA maintains the Federal Information Exchange/Minority Online Information System (FEDIX/MOLIS), an electronic clearinghouse of aviation educational materials, resources, and references. The FAA recognizes institutions of higher education that establish specific aviation-related curricula, and qualified institutions may submit grant proposals for the acquisition of facilities and equipment used in support of such recognized curricula. Additionally, the FAA has an aggressive cooperative education program in several administrative, technical, and professional career fields.

Phillip S. Woodruff  
Aviation Education Team Leader  
Aviation Education Program (AHR-15)  
Federal Aviation Administration  
400 Seventh Street SW, Plaza 100  
Washington, DC 20590  
(202) 366-7018/Fax: (202) 366-3786

### **National Highway Institute (NHI)**

The National Highway Institute administers the Dwight David Eisenhower Transportation Fellowship Program, which includes the Eisenhower Graduate Fellowships, the Eisenhower Grants for Research Fellowships, the Eisenhower Historically Black Colleges and Universities Fellowships, the Eisenhower Hispanic-Serving Institutions Fellowships, and the Eisenhower Faculty Fellowships. NHI also administers the College Curriculum Program, where materials developed for short courses are tested by practitioners for effectiveness and shared with colleges and universities.

Ilene D. Payne  
Director, University and Grants Program  
National Highway Institute  
901 North Stuart Street  
Arlington, VA 22203  
(703) 235-0538

### **Office of Research Policy and Technology Transfer, Research and Special Programs Administration (RSPA)**

RSPA research and technology programs provide the oversight necessary to ensure that DOT's research and development (R&D) program is effectively advancing U.S. transportation technology and expertise. RSPA's multimodal systems approach provides the Secretary with a critical counterbalance to the focus on the needs of individual modes of transportation in the other DOT operating administrations. The research and technology programs also provide analyses of specific technology areas and ensure that the Department's efforts integrate with Government-wide technology initiatives and priorities. Of particular importance in the science and technology education areas, these activities also help ensure that DOT's R&D results and other innovative efforts from across the country are made available in a useful form to Federal, State, and local elected and appointed officials, the transportation community, and academia.

Elaine E. Joost, Deputy Director  
Office of Research Policy and Technology Transfer  
(DRT-2)  
Research and Special Programs Administration  
400 Seventh Street SW  
Washington, DC 20590  
(202) 366-4208/Fax: (202) 366-3272  
E-mail: Jooste@RSPA.DOT.GOV



# U.S. Department of Veterans Affairs



**T**he basics of education are not enough anymore; in order to be competitive in the future, Americans will need a foundation of quality education, and they will need to continue learning throughout their lifetime. I believe, as the President does, that our educational system can achieve international excellence, if we establish clear standards and support realistic student loan programs. The VA will continue to be a major contributor in this area through GI Bill benefits and our involvement in health care education.

Jesse Brown, Secretary  
U.S. Department of Veterans Affairs

## Mission

The mission of the U.S. Department of Veterans Affairs (VA) is to serve America's veterans and their families with dignity and compassion and to be their principal advocate in ensuring that they receive the care, support, and recognition they have earned in service to this Nation.

## Background

The Department of Veterans Affairs, formerly the Veterans Administration, was elevated to Cabinet level in 1989. The Department has three main components that administer veterans' programs: the Veterans Health Administration, the Veterans Benefits Administration, and the National Cemetery System.

## Role in Mathematics and Science Education

The vast VA workforce, representing diverse science and technology-related professions, includes physicians, nurses, statisticians, architects, and computer specialists. As part of its mission to provide health care to eligible veterans, the VA provides training and education for health professionals and conducts medical, health, and rehabilitation research. The Department supports graduate-level education through more than 40 health professions education programs. The Department also administers education benefits to eligible veterans, service persons, and dependents.

## How Mathematics and Science Education Programs Are Administered

Two VA administrative offices are involved in education activities: the Veterans Health Administration and the Veterans Benefits Administration.

## Administrative Offices for Mathematics and Science Education

### The Veterans Health Administration Office of Academic Affairs

The Veterans Health Administration, Office of Academic Affairs, conducts the Nation's largest coordinated education and training effort for the health professions. There are no K-12 programs.

Elizabeth M. Short, M.D.  
Chief, Academic Affiliations  
Department of Veterans Affairs  
Office of Academic Affiliations (14)  
810 Vermont Avenue NW  
Washington, DC 20420  
(202) 565-7091

### Veterans Benefits Administration

The Veterans Benefits Administration, Education Service, conducts several basic educational programs for veterans, service persons, and eligible dependents.

Celia P. Dollarhide, Director  
Education Service (22)  
810 Vermont Avenue NW  
Washington, DC 20420  
(202) 273-7132/Fax: (202) 275-2636

# U.S. Environmental Protection Agency



**E**nvironmental education is an important new initiative at EPA. However, widespread improvements in environmental literacy require a unified commitment from government, business, environmental organizations, and educators alike to increase the quality of our environmental education initiatives.

Carol M. Browner, Administrator  
U.S. Environmental Protection Agency

## Mission

The U.S. Environmental Protection Agency (EPA) is responsible for implementing the Federal laws designed to protect the public from environmental hazards, enhance the quality of our natural environment, and expand our knowledge of the environment. The Agency endeavors to accomplish its mission systematically by proper integration of a variety of research, monitoring, standard-setting, enforcement, and educational activities. As a complement to its other activities, EPA coordinates and supports research and anti-pollution activities of State and local governments, private and public groups, individuals, and educational institutions. EPA also monitors the operations of other Federal agencies with respect to their impact on the environment.

## Background

The Environmental Protection Agency was created through Reorganization Plan #3 of 1970, which was devised to consolidate the Federal Government's environmental regulatory activities into a single agency. The plan was sent by President Nixon to Congress on July 9, 1970, and the Agency began operation on December 2, 1970.

The enactment of major new environmental laws and important amendments to older laws in the 1970s and 1980s greatly expanded EPA's responsibilities. The Agency now administers 10 comprehensive environmental protection laws: the Clean Air Act; the Clean Water Act; the Safe Drinking Water Act; the Comprehensive Environmental Response, Compensation, and Liability Act; the Federal Insecticide, Fungicide, and Rodenticide Act; the Toxic Substances Control Act; the Marine Protection, Research, and Sanctuaries Act; the

Uranium Mill Tailings Radiation Control Act; and the Pollution Prevention Act. In addition, the National Environmental Education Act was passed in 1990 that gave EPA, for the first time, the authority to develop a national environmental education program.

## Role in Mathematics and Science Education

As political leaders and the public continue to recognize the urgency and global nature of environmental challenges, the EPA will be required to respond with still higher quality research, innovative analysis, and sound strategies for public involvement. Currently, more than one-third of the Agency's employees are scientists and engineers, and the demands for highly educated and talented staff will only increase as the scientific complexity of environmental problems increases. Clearly, the Agency has a vested interest in ensuring that students emerging from the Nation's education system are literate in mathematics and science, and that the Nation produces an adequate supply of world-class scientists and engineers. In addition, the Agency believes that an environmentally educated public is the best means to bring about voluntary changes in personal behaviors that affect the environment.

## Elementary and Secondary Education

As a result of the passage of the National Environmental Education Act of 1990, the Agency will focus on two broad areas of environmental education: improving basic science literacy as the core of environmental education for students in grades K-12 (and colleges), and informing the general public about environmental consequences of their individual and collective actions and motivating them to address environmental problems.

## Higher Education

EPA offers predoctoral fellowships and traineeships and postdoctoral fellowships. Undergraduate programs provide opportunities for research, work study, and other forms of assistance to students.

## **How Mathematics and Science Education Programs Are Administered**

The Agency's headquarters in Washington, D.C., maintains overall planning, coordination, and control of EPA programs, and two offices at headquarters have responsibilities related to education programs. To ensure that EPA is truly responsive to the American people, the Agency has established 10 regional offices, and each of these offices has an environmental education coordinator. In addition, the EPA maintains field offices in the following categories: laboratories, investigations, and administration.

## **Administrative Offices for Mathematics and Science Education**

### **Environmental Education Division**

The mission of the Environmental Education Division is to advance and support national and international environmental education efforts, to develop an environmentally conscious and responsible public, and to inspire in all individuals a sense of personal responsibility for the care of the environment.

C. Michael Baker, Acting Director  
Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW (1707)  
Washington, DC 20460  
(202) 260-4965/Fax: (202) 260-4095

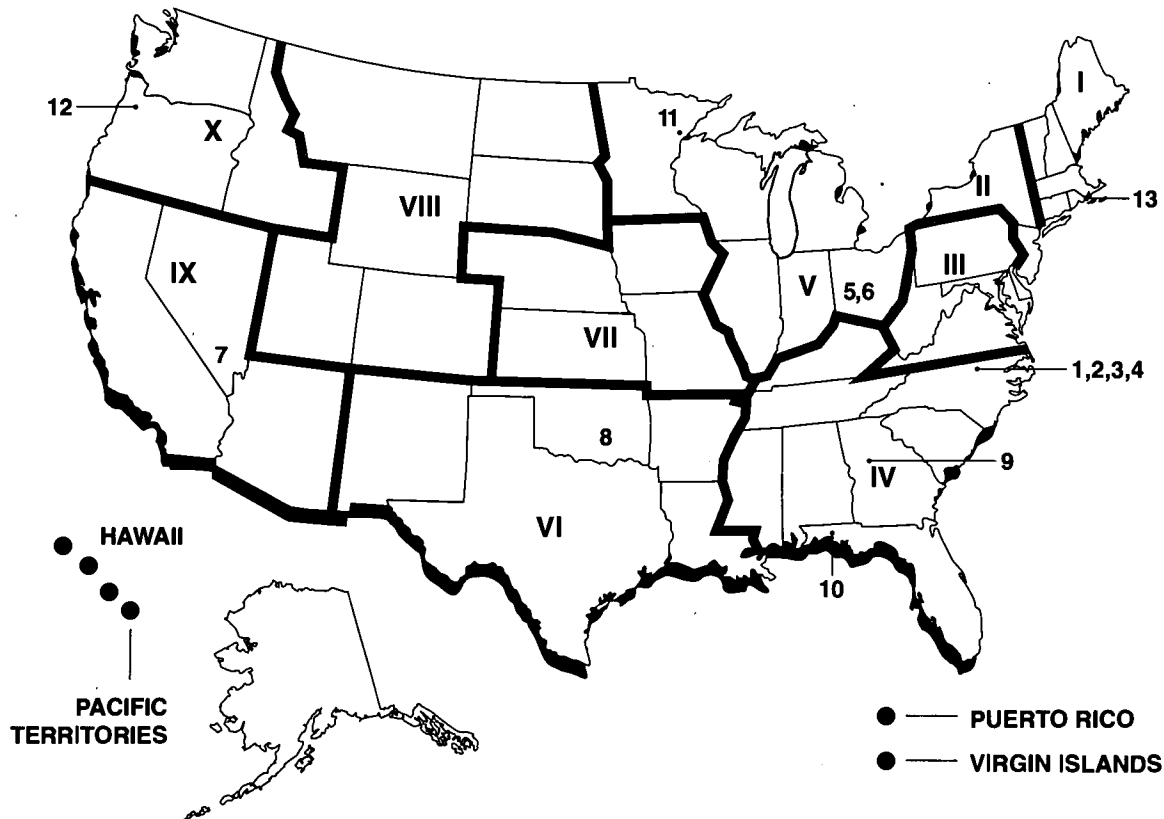
### **Office of Research and Development (ORD)**

The Office of Research and Development coordinates education programs related to research efforts. Each of ORD's facilities and offices plans and administers a range of programs, precollege through graduate, which vary according to laboratory specialization and community needs.

Office of Research and Development  
U.S. Environmental Protection Agency  
401 M Street SW (H-8105)  
Washington, DC 20460  
(202) 260-7671/Fax: (202) 260-0036

# Environmental Protection Agency

## Regional Offices and Research Laboratories



### Regional Offices

To ensure that EPA is truly responsive to the American people, it has established 10 regional offices. Each office has an Environmental Education Coordinator who oversees participation in regional environmental education programs, which include a variety of activities. Materials and information on environmental issues are also available.

Region I	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	Region VI	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
Region II	New Jersey, New York, Puerto Rico, Virgin Islands	Region VII	Iowa, Kansas, Missouri, Nebraska
Region III	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia	Region VIII	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
Region IV	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee	Region IX	Arizona, California, Hawaii, Nevada, American Samoa, Guam
Region V	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin	Region X	Alaska, Idaho, Oregon, Washington

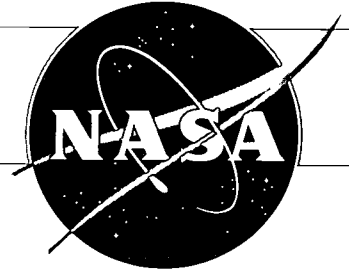
### Research Laboratories and Offices

The Office of Research and Development has research laboratories and offices that plan and administer a range of environmental programs, precollege through graduate level, which vary according to laboratory specialization and community needs.

1. Air and Energy Engineering Research Laboratory, Research Triangle Park, North Carolina
2. Atmospheric Research and Exposure Assessment Laboratory, Research Triangle Park, North Carolina

3. Health Effects Research Laboratory, Research Triangle Park, North Carolina
4. Environmental Criteria and Assessment Office, Research Triangle Park, North Carolina
5. Risk Reduction Engineering Laboratory, Cincinnati, Ohio
6. Environmental Monitoring Systems Laboratory, Cincinnati, Ohio
7. Environmental Monitoring Systems Laboratory, Las Vegas, Nevada
8. Robert S. Kerr Environmental Research Laboratory, Ada, Oklahoma
9. Environmental Research Laboratory, Athens, Georgia
10. Environmental Research Laboratory, Gulf Breeze, Florida
11. Environmental Research Laboratory, Duluth, Minnesota
12. Environmental Research Laboratory, Corvallis, Oregon
13. Environmental Research Laboratory, Narragansett, Rhode Island

# National Aeronautics and Space Administration



**N**ASA's mission in aeronautics and space, its unique facilities, and specialized workforce provide educators and students a national resource for enhancing and expanding scientific and technological competence. The Agency's commitment to promoting excellence in America's education system is carried out through the integrated application of science, mathematics, and technology that is inherent in NASA's research capabilities, scientific discoveries, advanced technologies, and future explorations.

Daniel S. Goldin, Administrator  
National Aeronautics and Space  
Administration

## Mission

As the agency responsible for the Nation's civilian aerospace program, the National Aeronautics and Space Administration (NASA) mission is threefold:

- To advance and communicate scientific knowledge and understanding of the Earth, the solar system, and the universe, and use the environment of space for research.
- To explore, use, and enable the development of space for human enterprise.
- To research, develop, verify, and transfer advanced aeronautics, space, and related technologies.

## Background

On October 1, 1958, the U.S. Congress created the National Aeronautics and Space Administration through the Space Act. The legislation combined certain military space research programs with the existing National Advisory Committee for Aeronautics to create a unique civilian agency for aeronautical and space activities.

Current major areas of activity include five enterprises: Mission to Planet Earth; Aeronautics; Human Exploration and Development of Space; Space Science; and Space Technology. Ten Field Centers located across the country provide NASA with the expertise to conduct research in all facets of aeronautics and space.

## Role in Mathematics and Science Education

To maintain a leadership role in the 21st century, NASA and other Federal agencies must contribute to systemic reform of American education. NASA's education vision is to promote excellence in America's school systems by involving the educational community in our endeavors to inspire America's students, create learning opportunities, and enlighten inquisitive minds. NASA uses its inspiring mission, unique facilities, and specialized workforce to conduct science, mathematics, and technology education programs and activities.

### Elementary and Secondary

To nurture early enthusiasm for science, mathematics, and technology, NASA has developed a broad range of programs and services for students at the elementary and middle school levels. These programs are specifically designed to use space and aeronautics as the vehicle to inspire students' interest in science, mathematics, and technology. Once interest has been captured, it is imperative to follow through at the secondary level with both formal and informal education experiences. NASA provides programs for teachers and faculty that have been specifically designed to enhance their knowledge, skills, and experience. Additionally, in a continuing effort to address groups that have not been adequately represented in the science and engineering workforce, NASA offers educational programs that are specifically tailored for underrepresented minority students at the middle school and high school levels, as well as for minority teachers and faculty members.

### Higher Education

NASA's higher education programs target faculty, graduate and undergraduate students, colleges and universities, and other organizations with an interest in aeronautics; life, Earth, and space science research; education; and related public service. NASA's programs at the collegiate level feature active participation in NASA research, undergraduate and graduate student financial support, and faculty preparation and enhancement activities.



## **Public Understanding of Science**

NASA Visitor Centers offer the public a unique chance to see first-hand the past, present, and future of U.S. aerospace research. The Centers display hundreds of artifacts, scale models, and pieces of actual space equipment. Many of the Centers also offer special films, programs, and attractions that highlight the achievements of the past 30 years or future explorations.

## **How Mathematics and Science Education Programs Are Administered**

NASA's national education programs are carried out through NASA Headquarters and the 10 NASA Field Centers. The Headquarters Education Division of the Office of Human Resources and Education oversees education programs and activities at a national level, while the 10 Field Centers administer segments of the national programs, as well as additional regional and local programs. To find the Field Center serving your State, see the State Highlights section of this publication.

## **Administrative Offices for Mathematics and Science Education**

NASA's Education Program is carried out through five primary categories and one enabling goal. These categories are Teacher Preparation and Enhancement, Student Support, Curriculum Support, Systemic Change, and Education Technology, with the enabling goal of Evaluation and Performance Indicator System.

Education Division  
NASA Headquarters, Code FE  
300 E Street SW  
Washington, DC 20546  
(202) 358-1110

## **Teacher Preparation and Enhancement**

Teacher Preparation and Enhancement uses the NASA mission, facilities, human resources, and programs to provide exposure and experiences to teachers and faculty to support the enhancement of knowledge and skills, and to provide access to NASA information in science, mathematics, engineering, and technology.

## **Student Support**

Student Support uses the NASA mission, facilities, human resources, and programs to provide information, experiences, and research opportunities for K-12, undergraduate, and graduate students to support the enhancement of knowledge and skills in the areas of science, mathematics, engineering, and technology.

## **Curriculum Support**

Curriculum Support provides supplementary instructional materials and curricula in science, mathematics, engineering, and technology based on NASA's unique mission, and to support the development and augmentation of higher education curricula.

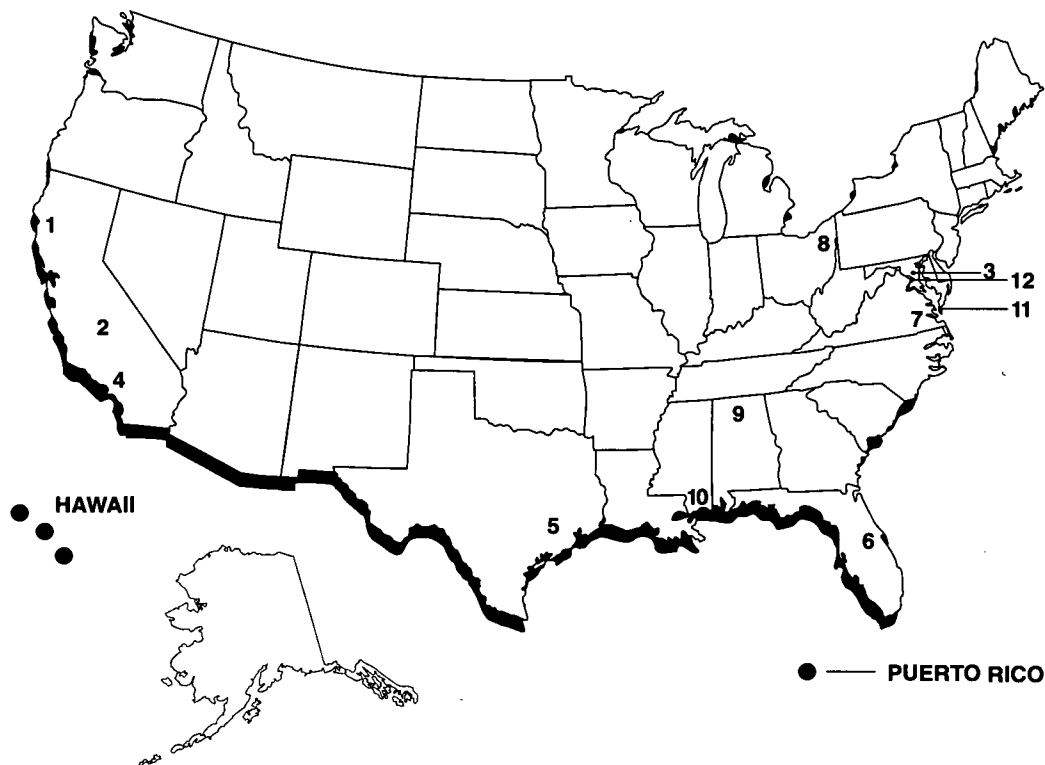
## **Systemic Change**

Systemic Change uses the unique assets of NASA to support local, State, regional, and national efforts to enhance the goals of the educational community through individual or collaborative efforts with a range of partners.

## **Education Technology**

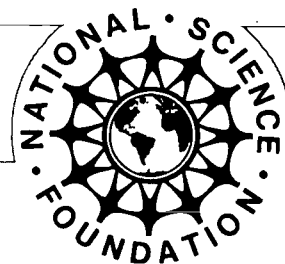
Education Technology provides products and services that facilitate the application of technology to enhance the educational process for formal education and lifelong learning.

# NASA Headquarters and Field Centers



1. **Ames Research Center, Moffett Field, California**, contributes to the U.S. space program in the areas of space science, life sciences, and space technology.
2. **Dryden Flight Research Facility, Edwards Air Force Base, California**, is the Nation's premier aeronautical flight test facility and the landing site for many Space Shuttle missions.
3. **Goddard Space Flight Center, Greenbelt, Maryland**, is a unique national facility where hundreds of scientists, engineers, and technicians work together to design, develop, fabricate, test, launch, and track spacecraft; operate flight projects; and analyze data.
4. **Jet Propulsion Laboratory, Pasadena, California**, has as its primary focus the scientific study of the solar system and the exploration of the planets with automated spacecraft.
5. **Lyndon B. Johnson Space Center, Houston, Texas**, is the focal point for NASA's manned space flight program. Johnson has been "Mission Control" for all manned space flights since *Gemini 4* in 1965.
6. **John F. Kennedy Space Center, Cape Canaveral, Florida**, is the primary launch site for manned and unmanned space vehicles. Situated on a national wildlife refuge, it is the NASA Field Center where rockets and their payloads are inspected, prepared, and launched.
7. **Langley Research Center, Hampton, Virginia**, focuses primarily on aeronautical research. The Center currently devotes two-thirds of its programs to aeronautics and the remainder to space research.
8. **Lewis Research Center, Cleveland, Ohio**, conducts a varied program of research in aeronautics and space technology. Aeronautics research at Lewis includes work on advanced materials and structures for aircraft. Space-related research focuses primarily on power and propulsion.
9. **George C. Marshall Space Flight Center, Huntsville, Alabama**, is the primary propulsion system center for NASA. Its rockets sent the first Americans into space, landed men on the moon, launched Skylab, and lifted the Space Shuttle into orbit.
10. **John C. Stennis Space Center, Mississippi**, is NASA's prime test facility for large liquid propellant rocket engines and propulsion systems. Stennis is also responsible for research programs in environmental sciences and remote sensing of Earth's resources.
11. **Wallops Flight Facility, Virginia**, is a special facility for suborbital research, operated by Goddard Space Flight Center.
12. **NASA Headquarters, Washington, DC**, oversees agency programs.

# National Science Foundation



**E**ducation in science and mathematics involves a chain of links from preschool through K–12, to undergraduate and graduate study, and a parallel chain of informal learning experiences. All the links must be strong. Education must stimulate the interests of all students, indeed of all citizens, so as to ensure that the Nation will have the science and technology workforce including scientists and engineers it needs in the years ahead and the scientifically literate citizenry that our democracy will require as we enter the 21st Century. In its education programming, the Foundation reaches out to all—not just to those who may become the scientists and engineers of tomorrow.

Luther S. Williams  
Directorate for Education and  
Human Resources  
National Science Foundation

## Mission

The National Science Foundation (NSF) was established to promote and advance scientific progress in the United States. The Foundation has a legislative mandate to initiate and support basic science and engineering research, with the dual objective of strengthening research potential and education programs at all levels. While the Foundation itself does not conduct such activities, it sponsors research and education in science and engineering.

## Background

The National Science Foundation is an independent Federal agency, established in 1950. Policy-making authority within the agency is vested in the National Science Board, which is composed of scientists, educators, and public affairs experts. Its 25 members are appointed by the President with the consent of Congress.

NSF provides funding for research and education in the sciences and engineering. However, the Foundation does not support clinical research. Most proposals are initiated by educational institutions and other organizations rather than from individuals. More than one-half of its professional staff are scientists, engineers, and educators in these disciplines—60 percent

on temporary assignment as visiting scientists and Inter-Program Assignees. These individuals oversee the disbursement of funds through seven directorates within the Foundation: Biological Sciences; Computer and Information Science and Engineering; Education and Human Resources; Engineering; Geosciences; Mathematical and Physical Sciences; and Social, Behavioral, and Economic Sciences.

## Role in Mathematics and Science Education

The National Science Foundation Act of 1950 authorizes and directs the Foundation to initiate and support education programs in virtually all fields of science and engineering, at all educational levels. The agency capitalizes on its unique ability to draw on the expertise of the science and mathematics research and education communities. Each year, NSF submits to Congress an updated 5-year strategic plan for science and engineering education. The plan simultaneously addresses short-term objectives that benefit the students currently in the system and long-term goals that result in fundamental changes to the basic delivery of education.

### Elementary and Secondary

NSF places a major emphasis on elementary and secondary science, mathematics, and technology education, with the objectives of attracting and sustaining the interest of all students in these fields, as well as improving the quality of instruction for all students. The Foundation is actively involved in the support of reform efforts in science and mathematics curricula that emphasize comprehensive, integrated approaches to teaching and learning. NSF's highest priority in terms of funding currently is the enhancement of teachers' content and pedagogical knowledge in science, mathematics, and technology (especially at the elementary level); implementation of systemic reform at State, urban, and district levels; and implementation of science and mathematics standards for content, teaching, and student performance assessment.

## Higher Education

NSF provides leadership and leveraged project support for the Nation's higher educational system of technical colleges, 2- and 4-year colleges, and comprehensive and research universities. NSF programs seek to engage all undergraduate students in the learning of science and mathematics—those who will be engineers and scientists or skilled technicians in our workforce; teachers of science and mathematics in our schools; leaders of business, the professions, and government; and, in every case, citizens in an increasingly technology-based society.

At the graduate level and beyond, the Foundation's activities concentrate principally in two directions: (1) support for outstanding graduate students to ensure a steady flow of high-ability students through the education and research training systems, and (2) support for postdoctorals and young faculty to attract beginning professionals to academic careers and provide them with critical study and research opportunities in their formative years.

## Public Understanding of Science

The Foundation supports projects that provide rich and stimulating environments outside of school, where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science and mathematics and their applications. Program emphases include establishing creative linkages between formal and informal education and stimulating parental/adult involvement in, and support of, quality science, mathematics, and technology education. These projects involve broadcast, print, and film; museums and science and technology centers; zoological parks, arboreta, and aquaria; and community-based organizations.

## How Mathematics and Science Education Programs Are Administered

The Directorate for Education and Human Resources is the primary unit for education programs within NSF, and is funded by Congress through separate appropriation. All NSF research directorates, however, also engage in educational activities related to their disciplinary focus.

## Administrative Offices for Mathematics and Science Education

### Division of Elementary, Secondary, and Informal Education

The Division of Elementary, Secondary, and Informal Education provides the foundation for NSF reform efforts in science, mathematics, and technology education from prekindergarten through grade 12. Its programs provide quality educational experiences for all students in classroom settings and increase opportunities for all individuals to explore science, mathematics, and technology through museum exhibits, the media, and community activities. Division programs support instructional materials development, inservice teacher education and career recognition, advanced technological education, informal science education, and research experiences for high-potential and high-ability youth.

Margaret B. Cozzens, Division Director  
Division of Elementary, Secondary, and Informal Education  
National Science Foundation, Room 885  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1620/Fax: (703) 306-0412  
E-mail: mcozzen@nsf.gov

### Division of Human Resource Development (HRD)

The Division of Human Resource Development at NSF works to broaden the participation of persons from underrepresented groups in science, engineering, and mathematics. HRD programs focus on making comprehensive and systemic changes in the education and research training of minorities, women, and persons with disabilities from precollege to graduate education.

Roosevelt Calbert, Division Director  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1640

## **Division of Research, Evaluation and Communication**

The Division of Research, Evaluation and Communication supports research, statistical studies, and evaluations of science, mathematics, engineering, and technology education in the United States. In addition, the Division prepares a biennial indicators report on all levels of science and mathematics education; supports communication of educational research results; funds projects in advanced educational technology, teaching, and learning; and provides analytical and policy support in these critical areas.

Daryl E. Chubin, Division Director  
Division of Research, Evaluation, and  
Communication  
National Science Foundation  
4201 Wilson Boulevard, Suite 855  
Arlington, VA 22230  
(703) 306-1650/Fax: (703) 306-0434  
E-mail: dchubin@nsf.gov

## **Division of Undergraduate Education**

The Division of Undergraduate Education serves as the focal point for the National Science Foundation's agencywide effort in undergraduate education. The programs in this division support course and curriculum development, instrumentation and laboratory improvement, undergraduate faculty enhancement, undergraduate preparation of future elementary and secondary science and mathematics teachers, and advanced technological education for the technical workforce.

Robert F. Watson, Division Director  
Undergraduate Education  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1670/Fax: (703) 306-0445

## **Office of Systemic Reform**

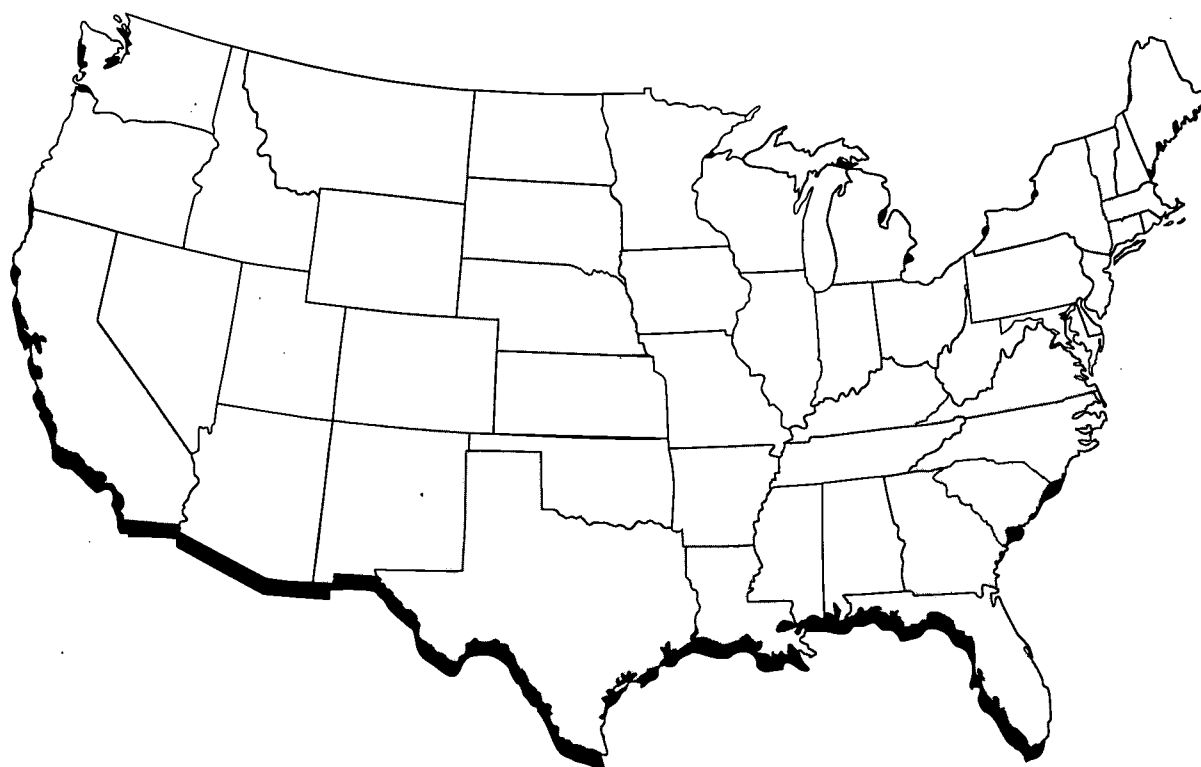
The Office of Systemic Reform is an active partner in efforts to improve mathematics and science education and academic research competitiveness in selected States, cities, and rural areas.

Peirce Hammond, Acting Office Administrator  
Office of Systemic Reform  
National Science Foundation  
4201 Wilson Boulevard, Suite 875  
Arlington, VA 22230  
(703) 306-1690/Fax: (703) 306-0456

# National Science Foundation

## Statewide Systemic Initiatives

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● — PUERTO RICO

The National Science Foundation established the Statewide Systemic Initiatives (SSI) Program to encourage improvement in mathematics, science, engineering, and technology education through comprehensive systemic changes in State education systems. Currently, 24 States and 1 Territory, highlighted above, have been awarded competitive grants from this program. For more information about individual State initiatives, see the State Highlights section of this publication.

### State Systemic Initiatives grant recipients:

Arkansas  
California  
Colorado  
Connecticut  
Delaware  
Florida  
Georgia  
Kentucky  
Louisiana

Maine  
Massachusetts  
Michigan  
Montana  
Nebraska  
New Jersey  
New Mexico  
New York  
North Carolina

Ohio  
Puerto Rico  
South Carolina  
South Dakota  
Texas  
Vermont  
Virginia



# Smithsonian Institution

**150**  
1846-1996  
Smithsonian

**M**uch of what the United States has achieved in the 20th century is due to its commitment to scientific inquiry and technological development. But our take off was grounded in the preparation in science and mathematics of earlier generations of Americans. That intellectual capital is nearly spent. It is time to replenish it through investment in the education of new generations.

I. Michael Heyman, Secretary  
Smithsonian Institution

## Mission

The Smithsonian Institution is a trust instrumentality of the Federal Government, established to increase and diffuse knowledge. While the Institution receives Federal support for its operation, it has no government or regulatory functions and serves, in effect, as an independent agency.

## Background

The Smithsonian Institution was founded in 1846. Although it is best known for its 14 museums and the National Zoo, the Smithsonian is also one of the country's premier research facilities. In addition to its federally-funded programs, the Institution has many privately funded activities.

## Role in Mathematics and Science Education

As part of its mandate to increase and diffuse knowledge, the Smithsonian Institution considers science education to be one of its most important missions.

### Elementary and Secondary Education

In recent years, the Institution has focused on assisting school systems in addressing the national crisis in science and mathematics education. Three areas receiving particular attention, both in the museums and in other Smithsonian bureaus, have been profes-

sional education for teachers, curriculum materials for schools, and programs to effect attitudinal changes about science.

### Higher Education

Through internships and fellowships the Institution provides individualized training in science for undergraduate and graduate students. Smithsonian programs for those individuals studying astrophysics and biology are especially outstanding.

### Public Understanding of Science

Through educational outreach programs, the Smithsonian Institution can improve science literacy among the general public. The museums inform and educate visitors through special exhibits, onsite demonstrations, and publications.

## How Mathematics and Science Education Programs Are Administered

Each administrative division within the Smithsonian is responsible for its own education programs, and each museum has an education office that reports to the museum director. The Institution's Office of Elementary and Secondary Education is the central office for precollege education.

## Administrative Offices for Mathematics and Science Education

### Harvard-Smithsonian Center for Astrophysics

The Smithsonian Astrophysical Observatory coordinates its varied scientific programs with the Harvard College Observatory, and together the two observatories form the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts. The Science Education Department at the Center cur-

rently manages eight projects funded by the National Science Foundation or the Annenberg Foundation, with additional support from the Smithsonian Institution. These projects address the needs of teachers and students in elementary, secondary, and college science education through advanced technology, curricula and materials, teacher enhancement, and teacher networks.

Hal Coyle, Senior Writer  
Science Education Department  
Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS-71  
Cambridge, MA 02138  
(617) 495-9798/Fax: (617) 496-5404  
E-mail: hcoyle@cfa.harvard.edu

### **National Air and Space Museum**

The National Air and Space Museum serves as a major educational center that the public can access easily to learn about the history and development of aeronautics, Earth and planetary sciences, astronomy, astrophysics, and related areas of the arts, humanities, and sciences. Particular emphasis is given to the social implications of the museum's collections and research on the quality of life for humankind.

Jacqueline Grazette  
Assistant Director for Education  
Educational Services Department, MRC 305  
National Air and Space Museum  
Washington, DC 20560  
(202) 786-2524/Fax: (202) 633-8928

### **National Museum of Natural History/ Museum of Man**

The National Museum of Natural History/Museum of Man houses the world's largest and most valuable assemblage of natural history specimens and human artifacts. It is the largest research organization in the Smithsonian, and at the college level the museum has a large internship program. Through its many exhibits, educational programs, and scholarly and popular publications, the museum disseminates knowledge about the world's natural and cultural diversities.

Laura McKie  
Assistant Director for Education  
National Museum of Natural History  
10th Street and Constitution Avenue NW,  
MRC 158  
Washington, DC 20560  
(202) 357-2066/Fax: (202) 786-2778

### **National Science Resources Center**

Operated jointly by the Smithsonian Institution and the National Academy of Sciences, the National Science Resources Center's mission is to improve the teaching of science in the Nation's schools. The Center's work is in three principal program areas: national outreach to build consensus, dissemination of information, and development of innovative science curriculum materials.

Douglas Lapp, Executive Director  
National Science Resources Center  
MRC 403  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

### **National Zoological Park**

The National Zoological Park maintains a living collection at the zoo and a major conservation, animal breeding, and research facility in Virginia. Through programs in education, research, conservation, and animal health, the park promotes understanding of animal adaptations and evolution, and the interaction of wildlife with the environment and human culture. Through a series of new exhibits, programs, and graphics, the zoo is transforming the park into a biological park to educate the public about life in all of its forms and its interconnections.

David Jenkins  
Associate Director for Interpretive Programs  
National Zoo/Education Department  
3001 Connecticut Avenue NW  
Washington, DC 20008  
(202) 673-4919/Fax: (202) 673-4746

## **Office of Elementary and Secondary Education**

Drawing on the collections, exhibitions, and research of the Smithsonian's many museums and research institutes, the Office produces programs and publications for teachers and their students nationwide. It serves as a clearinghouse about the Institution's many educational resources and as a source of model instructional approaches. The Office advises senior management on precollege education and helps to formulate pan-Institutional policies on and goals for education.

Ann Bay, Director  
Office of Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industries Building, Room 1163  
Washington, DC 20560  
(202) 357-2425/Fax: (202) 357-2116

## **Smithsonian Environmental Research Center**

The Smithsonian Environmental Research Center conducts long-term scientific research on estuarine land and water ecosystems found in the Chesapeake Bay watershed. The Center disseminates the results of its research through scientific journals, national and international meetings and seminars, the training of scientists, and public education activities for adults, families, and students (K-12).

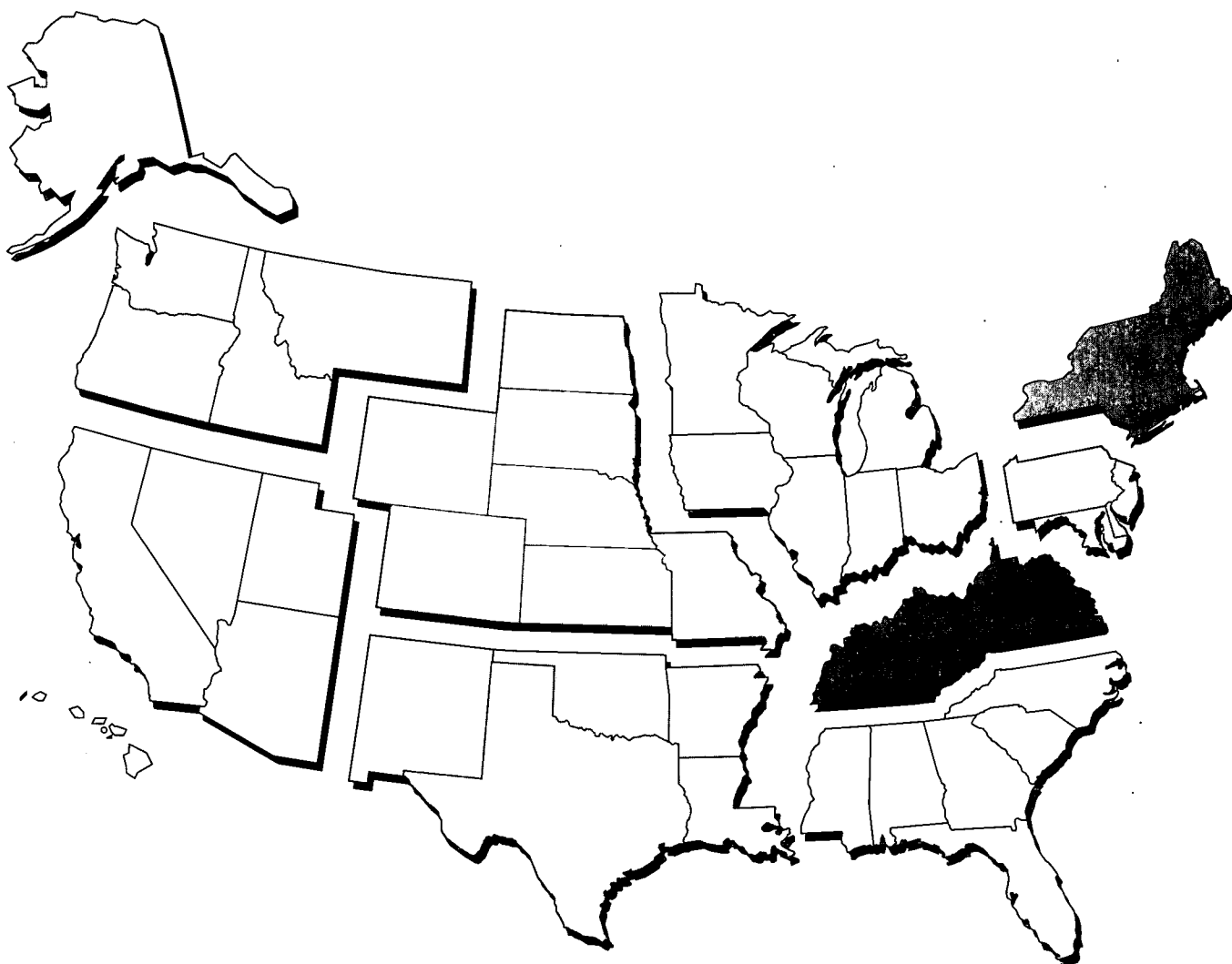
A. Mark Haddon, Education Director  
Smithsonian Environmental Research Center  
P.O. Box 28  
Edgewater, MD 21037  
(301) 261-4190/Fax: (301) 261-7954  
E-mail: HADDON@SERC.SI.EDU or  
HADDON@AOL.COM

## **Smithsonian Tropical Research Institute**

The Smithsonian Tropical Research Institute conducts basic research on the ecology, behavior, and evolution of tropical organisms. Headquartered in Panama, the Institute conducts research throughout the tropics and is the custodian of the Barro Colorado Nature Monument, a 12,000-acre tropical nature preserve located along the Panama Canal. Other facilities include a cloud-forest station, a research vessel, marine laboratories on the Atlantic and Pacific Oceans, and a research library.

Georgina DeAlba  
Smithsonian Tropical Research Institute  
P.O. Box 2072  
Balboa, Republic of Panama  
(507) 227-4918/Fax: (507) 232-5978  
E-mail: Stremois@SIVM.SI.EDU

# National Programs for Elementary and Secondary Education



# U.S. Department of Agriculture (USDA)

## 4-H/Honda Mentorship Project

The 4-H/Honda Mentorship Project provides an opportunity for teams of teenagers to work with adult mentors in hands-on problem-solving experiences in engineering at Honda's technical training sites across the country. The curriculum includes working as a team and managing time and resources to solve science-related problems.

Director, National 4-H Council  
7100 Connecticut Avenue NW  
Chevy Chase, MD 20815  
(301) 961-2853

## 4-H Missions in Space Program

The 4-H Missions in Space Program, a partnership between National 4-H and the Alabama Space Science Exhibit Commission, encourages youth to attend the Space and Rocket Center in Alabama and the Astronaut Hall of Fame in Florida. Space Camp allows students to participate in a variety of science and technology activities. Scholarships are available to assist underrepresented youth.

Extension 4-H Specialist, ACES-4-H  
211 Duncan Hall  
Auburn University, AL 36849-5620  
(205) 844-2233

## 4-H Regional Leadership Centers

Designed to complement the National Network for Action in Science and Technology, Regional Leadership Centers train community-based teams in nonformal science education and are responsible for keeping these teams up to date on new programs. Regional Centers are currently operating in California, Georgia, Missouri, and New York.

4-H Specialist  
Agriculture and Natural Resources  
University of California at Davis  
Davis, CA 95616  
(916) 752-8824

Coordinator  
National Network for Action and Science  
Technology  
6H Berkey Hall  
Michigan State University  
East Lansing, MI 48824-1111  
(517) 355-0180

## 4-H Science Experience and Resources for Education Settings (SERIES) Program

The national 4-H SERIES Program increases both the quantity and quality of science experiences available to students in a way that promotes a greater understanding of science. SERIES trains teenagers as science coaches for youth ages 9-12. Teens also work under the mentorship of practicing scientists and explore possible career opportunities in science and technical fields and participate in community service. Training for SERIES is conducted through the four Regional Leadership Centers.

Project Director, 4-H SERIES  
Division of Agriculture and Natural Resources  
University of California at Davis  
300 Lakeside Drive  
Davis, CA 95616  
(916) 752-8824

## 4-H Youth Development Programs

The 4-H Youth Development Programs under the Cooperative State Research, Education, and Extension Service offer opportunities for sparking interest in mathematics and science among American youth, and complement classroom education with informal, experiential education in community settings. Approximately 6 million youth, ages 5-18, participate in school enrichment, clubs, and special events. The 4-H organization receives substantial support from volunteers and private-sector contributors. Each State has a 4-H State Leader who can provide more information about 4-H activities.

National Program Leader  
Families, 4-H, and Nutrition  
Room 3860, South Building,  
USDA Cooperative State Research, Education, and  
Extension Service  
Washington, DC 20250-0900  
(202) 720-5516/Fax: (202) 720-9366

### **Ag in the Classroom Program**

The Ag in the Classroom Program helps students gain a greater understanding of agriculture's role in the economy and society, and informs students about career opportunities in the food and agricultural sciences. While the Department of Agriculture provides national leadership, each State develops its own programs in cooperation with agribusiness, education, and government. Information about State programs is available through the Washington, DC, office. The Ag in the Classroom State Leader can provide details on State-level programs.

Director, Ag in the Classroom  
U.S. Department of Agriculture  
Room 4307, South Building  
Washington, DC 20250-0991  
(202) 720-5727/Fax: (202) 690-0062

### **Black Emphasis Program**

The Black Emphasis Program develops academies that focus on African-American males at the middle school level. The academies provide students with early science experiences, mentors, and role models to enhance self-confidence and to develop an interest and desire to achieve in science-related fields. Academies are funded through two Historically Black Colleges and Universities.

Black Emphasis Program Manager  
U.S. Department of Agriculture  
1322 South Building  
Washington, DC 20250-1322  
(202) 720-2019/Fax: (202) 690-2345

### **Infusing Aquaculture Into Agriculture Education**

Through congressional appropriations in 1990-1995, USDA initiated a pilot program, Infusing Aquaculture Into Agriculture Education, to develop materials, conduct field tests, and provide training in aquaculture for selected teachers across the country. The 1,100-page, 5-volume curriculum is proving valuable in teaching high school students the principles of science and mathematics related to aquatic organisms. The program is being adapted by some schools for middle and elementary students.

Director, Higher Education Programs  
Cooperative State Research, Education, and  
Extension Service  
U.S. Department of Agriculture  
14th and Independence Avenue SW  
Ag Box 2251  
Washington, DC 20250-2251  
(202) 720-1973/Fax: (202) 720-2030

### **National Network for Action in Science and Technology**

The National Network creates a stronger link of land-grant colleges and universities that provide technical assistance to the federally-funded children, youth, and families at-risk sites. The Network provides trainers with the information and skills necessary to return to their local communities and train others to implement science and technology curricula and processes. In addition, trainers learn how to recruit participants, promote programs, and establish advisory and planning groups.

Coordinator  
National Network for Action and Science  
Technology  
Michigan State University  
6H Berkey Hall  
East Lansing, MI 48824-1111  
(517) 355-0180

### **Research Apprenticeship Program**

The Research Apprenticeship Program provides summer employment in university and Federal research laboratories for high school students having strong mathematics and science aptitude. One-fourth of the students receive Federal support; the remainder are supported by State and private funds leveraged by the Federal partner. Many research apprentices are females or minorities. Participants interact directly with scientists at USDA laboratories and gain valuable experience in agricultural science.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service, Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511



### **Research Apprenticeship Program for Minority High School Students**

The Research Apprenticeship Program for Minority High School Students provides not only summer employment for minority high school students having strong scientific aptitude, but also the opportunity to interact with research scientists and gain first-hand experience in a research environment at selected university laboratories.

Coordinator, 1890 Programs  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service, AG Box 3398  
Washington, DC 20250-2210  
(202) 720-2471/Fax: (202) 720-3398

### **SPACES: Preparing Kids for a High Tech and Global Future**

SPACES is an informal hands-on community-based science education program that prepares students for a global and high-tech society. This programming framework shows how to set up a science education program for children ages 5-14, and involves community scientists, technicians, and others with science and technology expertise. The program focuses on aerospace, the environment, and relationships with oneself and others. Extensive curriculum support is available.

Michigan 4-H Youth Programs  
Michigan State University  
6H Berkey Hall  
East Lansing, MI 48824-1111  
(517) 355-0180

### **Teachers' Research Fellowship Program**

The Teachers' Research Fellowship Program offers temporary employment to mathematics, biology, or physical science teachers at the junior or senior high school level. Teachers work under an Agricultural Research Service scientist on specific research problems tailored for completion within a given time period. The program provides teachers with first-hand agricultural and food-related research experience that can be transferred to students in the classroom.

Sharon Tally  
Kansas State University  
124 Bluemont Hall  
Manhattan, KS 66506  
(913) 532-7946/Fax: (913) 532-7304

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service, Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

### **Youth Conservation Corps**

The Youth Conservation Corps is a summer employment program offered by the Departments of Agriculture and Interior. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed to give the enrollees an understanding of their tasks and how their work contributes to environmental enhancement.

Director, Human Resources Programs  
U.S. Department of Agriculture  
Forest Service  
P.O. Box 96090  
Washington, DC 22209  
(703) 235-8834

## **U.S. Department of Commerce (DOC)**

### **National Sea Grant College Program**

Established in 1966 and administered by the National Oceanic and Atmospheric Administration (NOAA), this program combines the resources of the Federal Government with those of universities and States to develop and analyze the Nation's marine resources through research, education, and outreach. Grant proposals are reviewed and grants are normally awarded on an institutional basis through the Sea Grant college or institution designated in each coastal State. It is the Sea Grant colleges that provide

research opportunities for scientists and education for the general public about marine resources. Educational activities include graduate education and research apprenticeships, undergraduate education, K-12 teacher science skills, and public outreach.

Outreach Team Leader  
National Sea Grant College Program  
SSM C3, Room 11843  
1315 East-West Highway  
Silver Spring, MD 20810  
(301) 713-2431/Fax: (301) 713-0799

### **National Sea Grant College Program, Global Change Education Program**

Regional Global Change consists of "Training the Trainer" workshops for informal educators, NOAA employees, and local extension leaders. Workshop topics include natural variability, greenhouse/sea-level rise, ozone depletion, resource consumption, and decisionmaking under "scientific uncertainty."

Bob Norris, Outreach Program  
R/ORI, 1335 East-West Highway  
Silver Spring, MD 20910  
(301) 713-2431, ext. 142/Fax: (301) 713-0799  
E-mail: rnorris@rdc.noaa.gov

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Dr. Shirley Fiske  
Outreach Program Director  
R/ORI, 1335 East-West Highway  
Silver Spring, MD 20910  
(301) 713-2431, ext. 148/Fax: (301) 713-0799

### **NOAA National Environmental Satellite, Data, and Information Service (NESDIS)**

The primary educational goal of NESDIS is to enable teachers to access and interpret satellite imagery for use in teaching the Earth sciences. Data can be accessed either by direct readout from orbiting satellites or via the Internet service, the Satellite Active

Archive (SAA). Imagery can be browsed, and then downloaded in limited quantities. A new initiative of SAA is the creation of learning modules on satellites, remote sensing, and applications of satellite data, including imagery interpretation. NESDIS also provides information on ordering archived satellite data. Scientists in NESDIS help teachers learn how to interpret satellite imagery for applications in the atmospheric, marine, and terrestrial sciences. They give presentations at teacher conferences, conduct courses for groups of teachers near NESDIS facilities, and give individual advice when possible.

Nina Jackson  
NESDIS Diversity and Education Outreach  
Coordinator  
NOAA/NESDIS  
Room 2057, FB4  
Suitland, MD 20746  
(301) 457-5112/Fax: (301) 457-5276

### **NOAA National Weather Service (NWS)**

The mission of the National Weather Service is to minimize the impact of severe weather upon the general public and commercial industries. To fulfill this mission, NWS produces informative materials designed to better prepare the public when they encounter severe weather conditions. Publications prepared in cooperation with the American Red Cross highlight the science and safety aspects of severe weather conditions such as hurricanes, tornadoes, flash floods, thunderstorms, and winter storms. In partnership with the American Meteorology Society to educate teachers in the science of meteorology, Project Atmosphere, NWS conducts 2-week summer workshops for teachers at several NWS training and research locations. An NWS-designated meteorologist at each field forecast office interacts with their users in the local community, which includes the general public, emergency managers, educators, and the media.

Joan VonAhn  
National Weather Service  
Services Development Branch  
1325 East-West Highway  
Silver Spring, MD 20910  
(301) 713-0462

## NOAA Public Affairs Office

The Public Affairs Office has a limited number of publications suitable for classroom instruction that teachers may request by mail. Some of these titles are also available on the Internet.

Correspondence Unit  
NOAA Public Affairs Office  
1305 East-West Highway, #8624  
Silver Spring, MD 20910  
(301) 713-1208/Fax: (301) 713-1211

# U.S. Department of Defense (DoD)

## High School Science and Mathematics Summer Faculty (HSSMF) Program

The HSSMF Program is one of the programs that comprises the Scientific Service Program (SSP) contract awarded to and administered by Battelle. The program is sponsored by the Department of the Army through the U.S. Army Research Office (ARO) and by participating Army laboratories and centers. Its primary objective is to enable participating high school faculty to use their personal exposure to research and development activities at Army laboratories/centers to enhance their research and teaching skills and to encourage high school students to undertake careers in science and mathematics.

Applicants must be U.S. citizens and faculty members of accredited high schools or faculty members teaching in accredited secondary schools from the 7th through the 12th grades. They must teach in one or more of the following disciplines: mathematics, physics, general science, engineering, chemistry, psychology, computer science, and biology. Awards are made to the most deserving applicants.

Selected candidates receive a stipend of \$600 per week for a maximum 10 weeks during the summer. Candidates must live within commuting distance of the assigned laboratory or center.

Gary Hill  
Battelle, Research Triangle Park Office  
200 Park Drive  
P.O. Box 12297  
Research Triangle Park, NC 27709-2297  
(919) 549-8291/Fax: (919) 549-8205

## Junior Science and Humanities Symposium (JSHS) Program

JSHS Program objectives are to:

- (1) Promote research and experimentation in the sciences, mathematics, and engineering at the high school level.
- (2) Recognize the significance of research in human affairs and the importance of humane and ethical principles in the application of research results.
- (3) Search out talented youth and their teachers; recognize their accomplishments at symposia; and encourage their continued interest and participation in the sciences, mathematics, and engineering.
- (4) Expand the horizons of research-oriented students by exposing them to opportunities in the academic, industrial, and governmental communities.
- (5) Enlarge the number of future adults capable of conducting research and development.

A typical symposium is held in an academic setting where attendees benefit from an active exchange of ideas with professionals and with their peers. They hear lectures from distinguished scientists and observe ongoing research projects in university, Army, or corporate laboratory settings. Selected students also have the opportunity to present the results of their original research before the audience. More than 8,000 students and teachers participate annually in 47 regional symposia held throughout the United States, Europe, Japan, and Puerto Rico.

Peggy Lacewell  
U.S. Army Research Office  
4300 South Miami Boulevard  
P.O. Box 12211  
Research Triangle Park, NC 27709-2211  
(919) 549-4339

## National Science Center (NSC)

The National Science Center and its multifaceted programs are supported by the United States Army. The programs are designed to increase interest in science, mathematics, and technology among students; improve the skills of teachers; and provide mathematics and science education support in the classroom. The Center offers hands-on workshops for teachers in science, mathematics, electronics, and computers, and offers camps nationwide in the same

subjects for students. Portable planetariums for instruction in space science, astronomy, geography, and biology are available on loan to teachers who have been certified through the Center's comprehensive training program. In addition, NSC operates a discovery center that offers school groups and the general public interactive experiences with scientific exhibits. NSC also operates mobile versions of the discovery center that travel nationwide. NSC also reaches out nationally with satellite teleconference programs on science education and with a Science-by-Mail program that encourages pen pal relationships between students and scientists.

National Science Center  
Attention: ATZH-NSC-D  
Building 25722  
Fort Gordon, GA 30905-5689  
(706) 791-7621

### **Naval Science Awards Program**

The Navy and Marine Corps participate each year in district, regional, and State science and engineering fairs in the United States and its territories that exhibit various projects submitted by high school students in grades 9-12. At each participating fair, four students whose projects are considered to demonstrate excellence in any field of endeavor, not necessarily military or nautical, are designated as first-place Navy/Marine Corps Distinguished Achievement Award winners. The students receive a certificate, a programmable scientific calculator, and an invitation to submit a written report of their winning project to the National Naval Science Awards Program Competition held in May. Approximately 25 winners of this competition are awarded scholarships and science-oriented trips. The Navy and Marine Corps also participate in the annual International Science and Engineering Fair (ISEF), sponsored by Science Service, Inc., awarding scholarships in each of the scientific disciplines. Award recipients must be citizens of the United States or its territories at the time of their selection.

Project Officer  
Naval Science Awards Program  
Office of Naval Research  
Code 353  
800 North Quincy Street  
Arlington, VA 22217-5660  
(703) 696-5787/Fax: (800) 422-6727

### **Navy Community Service Program (NCSP)**

The Navy Community Service Program is a worldwide program that encourages Navy military and civilian employees to volunteer their time and talent to help educate and encourage youth to develop social responsibility, fitness, and natural resource stewardship. The Navy currently participates in several hundred volunteer partnerships with schools. These arrangements provide tutoring, mentoring, and other community-based projects. Projects are geared toward, but not limited to, strengthening student skills in mathematics, science, engineering, and environmental conservation. See the State Highlights section of this publication for regional NCSP offices.

Navy Community Service Program  
Bureau of Naval Personnel  
Pers-605  
2 Navy Annex, Room 1809  
Washington, DC 20370-6050  
(703) 614-1290

### **Research and Engineering Apprenticeship Program (REAP)**

The Research and Engineering Apprenticeship Program was begun in 1980 to encourage socially and economically disadvantaged youth to pursue studies in science and engineering. The REAP experience provides a cooperative education (work/study) program that will afford hands-on experience in Army research and development activities to high school students who may choose to enter and complete basic education in science and engineering.

High school students accepted for apprenticeships at universities under mentorship of a university faculty member will (1) be paid during work periods ranging from 4 to 13 weeks and (2) work directly under a mentor scientist or engineer who will provide guidance on day-to-day job activities and be available to assist in providing information on career opportunities in science and engineering.

Peggy Lacewell  
U.S. Army Research Office  
4300 South Miami Boulevard  
P.O. Box 12211  
Research Triangle Park, NC 27709-2211  
(919) 549-4339

## Science and Engineering Apprentice Program (SEAP)

This program, coordinated and administered by The George Washington University (GWU), places academically talented high school students with interest and ability in science and mathematics as apprentices in more than 40 DoD research activities for 8 weeks during the summer. These students work with scientists and engineers, who act as mentors. Participating laboratories are encouraged to give special consideration to females and to members of underrepresented minorities. Specific minority programs are held on the GWU campus in the summer. See the State Highlights section of this publication for participating activities.

Marylin Krupsaw  
GWU/SEAS  
Science and Engineering Apprentice Program  
707 22nd Street NW  
Washington, DC 20052  
(202) 994-2234

## Undergraduate Training Program

The Undergraduate Training Program, developed particularly for minority high school students, provides full tuition to any university or college for outstanding students who plan to major in electrical or computer engineering, computer science, mathematics, or selected languages. Recipients are guaranteed summer employment during school and permanent employment within the National Security Agency upon graduation. Program participants are required to work for the National Security Agency after graduation for at least one and a half times their length of study.

National Security Agency  
Undergraduate Training Program  
Attention: M3222  
Fort Meade, MD 20755-6000  
(410) 859-4590  
(800) 962-9398

# U.S. Department of Education (ED)

## Blue Ribbon Schools Program

The Blue Ribbon Schools Program identifies and gives national recognition to public and private schools that are unusually effective in meeting national, State, and local goals and in educating their students. The program honors schools that show outstanding effectiveness in leadership, organizational vitality, teaching environment, curriculum and instruction, student environment, and parent and community support. To be recognized as a national school of excellence, the school must have unusually strong programs in all areas of school life. Elementary schools and secondary schools are recognized in alternate years. In addition, recognized schools may also receive optional honors in specific areas. The 1994-96 program will recognize secondary schools with optional honors in parent involvement and technology.

Elizabeth Demarest  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20808-5643  
(202) 219-2217

## Center for Research on the Education of Students Placed At Risk

The Center's Roots and Wings project is developing programs for elementary school mathematics, science, and social studies that are based on the premise that children are active constructors of knowledge. These programs emphasize discovery, experimentation, cooperative learning, and open-ended problemsolving. The programs are being developed and evaluated in high-poverty urban and rural schools.

Roots and Wings Project  
Center for Research on the Education of Students  
Placed at Risk  
The Johns Hopkins University  
3505 North Charles Street  
Baltimore, MD 21218  
(410) 516-8800/Fax: (410) 516-8890  
E-mail: jhollifi@inet.ed.gov



## **Eisenhower National Clearinghouse for Mathematics and Science Education**

The Eisenhower National Clearinghouse is developing a comprehensive collection and catalog of K-12 curriculum materials. Databases containing the catalog of materials in various formats, text, and evaluations of selected materials and other resources for mathematics and science education are available online and on CD-ROM.

Len Simutis, Director  
Eisenhower National Clearinghouse for  
Mathematics and Science Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1079  
(614) 292-7784/Fax: (614) 292-2066  
E-mail: [info@enc.org](mailto:info@enc.org)

## **Eisenhower Professional Development Federal Activities Program**

Under legislation passed in 1994, the Eisenhower National Program was expanded to cover all core academic subjects. The Eisenhower Professional Development Federal Activities Program currently focuses on projects that seek to transform the education system to achieve high standards of student performance through systemic reform. The Eisenhower National Clearinghouse and the Eisenhower Regional Consortia, which are described in this section of the publication, illustrate activities supported by the program. Discretionary grant competitions will be held annually depending on the availability of funds.

Eisenhower Professional Development Federal  
Activities Program  
Office of Educational Research and Improvement  
555 New Jersey Avenue NW, Room 502  
Washington, DC 20208-5572  
(202) 219-2116/Fax: (202) 219-2053

## **Eisenhower Professional Development State Grant Program**

The Eisenhower Professional Development State Grant Program (Title II of the Elementary and Secondary Education Act of 1965 [ESEA], as amended) was enacted in 1994 as part of the Improving America's School's Act of 1994. The Title II program is the largest Federal program that supports professional development activities to improve teaching and learning. Part B of Title II authorizes the

State formula grant program. Under this program, funds flow through the States to local school systems by formula and to institutions of higher education and nonprofit organizations by competitions administered by State agencies for higher education to support and help shape State and local professional development activities in the core academic subjects with a continued focus in mathematics and science content areas. For specific information on your State, contact the Eisenhower Coordinator listed in the State Highlights section.

Christine Jackson  
Eisenhower Professional Development State  
Grants Program  
Office of Elementary and Secondary Education  
U.S. Department of Education  
600 Maryland Avenue SW  
Washington, DC 20202-6140  
(202) 260-2516

## **Eisenhower Regional Consortia**

The Eisenhower Professional Development Federal Activities Program has funded 10 Regional Mathematics and Science Education Consortia. Working closely with the Clearinghouse, the consortia provide information and technical assistance to help States and school districts provide improved mathematics and science programs in accordance with national standards. They also train and provide technical assistance to classroom teachers, administrators, and other educators to help them adapt and use exemplary instructional materials, teaching methods, curricula, and assessment tools.

Eisenhower Federal Activities Program  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20808-5645  
(202) 219-2116/Fax: (202) 219-2053

## **ERIC (Educational Resources Information Center)**

ERIC is an international information network that acquires, catalogs, and provides access to educational literature. The ERIC system comprises 16 subject-specific clearinghouses; a central processing and reference facility; a document reproduction service; and ACCESS ERIC, a one-stop contact point for new users of the system. To learn more about ERIC, contact ACCESS ERIC at (800) LET-ERIC. The ERIC



Clearinghouse on Mathematics, Science, and Environmental Education, located at The Ohio State University, acquires, selects, and processes high-quality printed materials (such as reports, curricula and instructional materials, evaluations, and information on programs, practices, and policies) in science, mathematics, and environmental education. The Clearinghouse provides a variety of services and products to help educators, administrators, researchers, and others stay up to date on a broad range of issues. It provides reference and referral services in science and mathematics and maintains partnerships for the exchange of information with numerous other organizations. It also produces publications, bibliographies, ERIC Digests, syntheses, and summaries on mathematics and science topics, and compilations of promising programs and practices.

David L. Haury, Director  
ERIC Clearinghouse for Science, Mathematics, and  
Environmental Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210-1080  
(614) 292-6717  
(800) 276-0462  
E-mail: ericse@osu.edu

### Field-Initiated Studies Program

The Department of Education, through the Office of Educational Research and Improvement (OERI), will fund educational research projects proposed by individuals, institutions of higher education, public and private institutions, organizations, and agencies. Applicants will propose research topics related to OERI's five new national institutes:

National Institute on Student Achievement,  
Curriculum, and Assessment  
Attention: Clara Lawson-Copeland  
(202) 219-2028

National Institute on Education of At-Risk  
Students  
Attention: Beth Fine  
(202) 219-1315

National Institute on Early Childhood  
Development and Education  
Attention: Joseph Caliguro  
(202) 219-1596

National Institute on Governance, Finance,  
Policymaking, and Management  
Attention: Edward Fuentes  
(202) 219-2159/2032

National Institute on Postsecondary Education,  
Libraries, and Lifelong Learning  
Attention: Delores Monroe  
(202) 219-2229

To contact a specific institute, include the appropriate "attention" information provided above. One application package contains information regarding all five institutes. Do not request an application from more than one institute. To request an application write to:

Field Initiated Studies Program  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW, Room 620  
Washington, DC 20208-5531  
E-mail: fis@inet.ed.gov

### Fund for the Improvement of Education

The purpose of the Fund for the Improvement of Education is to support nationally significant programs to improve the quality of education, assist all students to meet challenging State content standards, and contribute to the achievement of the National Education Goals.

Lois N. Weinberg  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW, Room 502h  
Washington, DC 20208-5645  
(202) 219-2147

### Javits Gifted and Talented Students Education Program

The Javits Gifted and Talented Students Education Program funds projects that help schools identify and respond to the special education needs of gifted and talented students, especially those who are disadvantaged or handicapped or have limited English proficiency.

Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208-5645  
(202) 219-2169

## **National Assessment of Educational Progress (NAEP)**

NAEP has measured the educational achievement of American students for more than two decades. Its 1996 mathematics and science assessments of 4th, 8th, and 12th graders will feature several testing innovations. In mathematics and science, students will devote more than half their time to "constructed response" questions that may include extended problemsolving. The science assessment will contain a hands-on task for all students, a study of portfolios for 4th and 8th graders, and an assessment of the best 12th graders. The mathematics assessment will measure students' estimating skills and will allow them to use calculators more often than in the past. Results from the 1992 NAEP mathematics assessment are available from the National Center for Educational Statistics at the Office of Educational Research and Improvement.

Gary W. Phillips  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208  
(202) 219-1761

## **National Education Longitudinal Study of 1988 (NELS:88)**

Through its National Education Longitudinal Study of 1988 (NELS:88) the National Center for Educational Statistics is following a sample of 25,000 8th graders on a 2-year cycle. Individual cohort members (including dropouts in the followups) were surveyed in 1988, 1990, and 1992, along with their parents, principals, and teachers. These same cohort members were resurveyed in 1994. To allow researchers to examine cognitive growth over time, test data in mathematics, science, reading, and social studies also were collected from cohort members. Other data collected by NELS:88 include enrollment patterns in mathematics and science courses, student attitudes toward those subjects, and instructional practices used by their mathematics and science teachers, and high school transcripts.

Peggy Quinn  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208  
(202) 219-1743

## **National Research and Development Center on Achievement in School Mathematics and Science**

The National Research and Development Center on Achievement in School Mathematics and Science is one of seven national education, research, and development centers supported by the Department of Education. The research projects at the core of the center's activities are organized around five thematic elements: modeling, argument and standards of evidence, big ideas and technologies, equity, and assessment. Studies are carried out as part of design collaboratives, in which researchers work with teachers and schools at the elementary, middle, and high school levels, to design and implement "test beds" to support the development and validation of practices leading to higher levels of student achievement for all students.

Thomas A. Romberg, Director  
National Research and Development Center on  
Achievement in School Mathematics and Science  
Wisconsin Center for Education Research  
University of Wisconsin-Madison  
1025 West Johnson Street  
Madison, WI 53706  
(608) 263-3406

## **National Science Standards**

The National Research Council of the National Academy of Sciences, with a grant from the Eisenhower National Program, developed science content standards that specify what students are expected to learn in grades K-12. Teachers and other science educators, scientists, and the general public were extensively involved with the project by reviewing and refining the standards. More than 80 organizations served as liaisons to the project. Draft content standards were distributed in late 1994. Separate working groups, funded by a coalition of other Federal agencies, are developing teaching and assessment standards in close cooperation with working groups that developed the content standards. A complete set of the final standards—content, teaching, and assessment—was disseminated in late 1995. (The National Council of Teachers of Mathematics has already developed mathematics standards that are in use across the country.)

Dr. Angelo Collins, Director  
National Science Education Standards Project  
National Research Council  
2101 Constitution Avenue NW, HA 486  
Washington, DC 20418  
(202) 334-3417

## Regional Educational Laboratories

The Department of Education, through the Office of Educational Research and Improvement, funds a network of 10 regional educational laboratories, each serving a specific region of the United States, including its territories. The laboratories identify effective teaching techniques and school improvement efforts within their regions, provide technical assistance, and share information with State and local educators through newsletters, research syntheses, conferences, and the electronic media. As part of their overall program, which is not subject-matter specific, the laboratories have undertaken an initiative to improve mathematics and science education. They are collecting, analyzing, and synthesizing information about curriculum frameworks, performance assessment methods, and successful mathematics and science programs and practices.

Robert Stonehill  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208-5644  
(202) 219-2187

## Regional Technology in Education Consortia (R\*TEC)

The Department of Education, through the Office of Educational Research and Improvement, established the Regional Technology in Education Consortia (R\*TEC) program in the fall of 1995 to help States, districts, schools, adult literacy centers, and other educational institutions use advanced technology to support improved teaching and student achievement. The R\*TECs' role in educational technology is unique in two ways: their emphasis is regional, and their primary goal is to ensure that technology is used effectively to support school reform. R\*TEC program strategies include professional development, technical assistance, and information dissemination. The R\*TECs work in a complementary and collaborative way with technical assistance providers funded by the Department of Education—such as Comprehensive Regional Assistance Centers, the

Eisenhower Regional Consortia for Mathematics and Science Education, and the Regional Educational Laboratories—and with other nationwide educational technology support efforts, such as TechCorps.

Catherine Mozer Connor, Project Officer  
Office of Educational Research and Improvement  
U.S. Department of Education  
ORAD/SLSD, Room 506a  
555 New Jersey Avenue NW  
Washington, DC 20208-5644  
(202) 219-8070  
E-mail: cconnor@inet.ed.gov

## Star Schools Program

The Star Schools Program funds partnerships that use telecommunications and other technologies to improve educational opportunities for students in mathematics, science, foreign languages, literacy skills, vocational education, and other subjects. Services, including programming and equipment, have been provided to schools and communities serving students in both rural and urban areas. A variety of technologies are supported including satellite, fiber optics, compressed video, facsimile, computer networks, and cable.

Joseph Wilkes  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208-5645  
(202) 219-2186  
E-mail: jwilkes@inet.ed.gov

## State Curriculum Frameworks

Fifteen States and the District of Columbia have received Eisenhower Professional Development Federal Activities Program grants to help develop and implement K-12 curriculum frameworks and guidelines to clarify what, when, and how to teach mathematics and science. Awards have been made to Alaska, Arizona, Arkansas, Delaware, the District of Columbia, Florida, Louisiana, Maine, Massachusetts, Michigan, Nebraska, New Jersey, New York, Oregon, Rhode Island, and Wisconsin. The frameworks will build upon existing and emerging mathematics and science standards to ensure that all children study challenging subject material in mathematics and science. Projects will also design and implement new approaches to teacher education and certification appropriate to the frameworks.

Annora Dorsey or Liz Barnes  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW, Suite 502  
Washington, DC 20208-5645  
(202) 219-2116  
E-mail: adorsey@inet.ed.gov  
E-mail: ebarnes@inet.ed.gov

### **Teacher Networking Project**

Curricula, classroom teaching, and teacher professional development will be enhanced through online use of electronic teacher networks and shared knowledge in programs supported by more than \$1.8 million in grants from the U.S. Department of Education. The networks link teachers with specialists who can help them improve their skills and knowledge of subject matter. Fifteen grants have been given to projects in 13 States, including an American Indian nation, a State university research foundation, two regional educational laboratories, a private agency, and both rural and urban schools and school districts. Projects include teacher mentoring activities and development of curriculum materials for electronic networking.

Tawanna Colbert  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW, Room 502I  
Washington, DC 20208-5645  
(202) 219-2116  
E-mail: tcolbert@inet.ed.gov

### **Third International Mathematics and Science Study (TIMSS)**

The National Center for Educational Statistics is conducting the U.S. portion of the Third International Mathematics and Science Study being coordinated by the International Association for the Evaluation of Education Achievement. The study will measure student achievement in mathematics and science in more than 40 countries. In 1995, each country assessed 4th-, 8th-, and 12th-grade students and 12th-grade specialists in mathematics and science. The study focuses on student proficiency and also includes performance assessments, a videotape study of instructional practices, and case studies of key policy issues in education. Teacher, school, home, and societal factors will provide a context in which to gauge student achievement and differences among countries.

Lois Peak  
Office of Educational Research and Improvement  
U.S. Department of Education  
555 New Jersey Avenue NW  
Washington, DC 20208  
(202) 219-1804

## **U.S. Department of Energy (DOE)**

### **Breaking Through: Women in Science**

Breaking Through: Women in Science is a PBS special targeting junior and senior high school girls, encouraging them to consider pursuing careers in the fields of science, engineering, and technology. The special is available on video and shows how today's technical women can have a fulfilling and balanced life including career, family, and other enriching interests.

Karen P. Scott  
Education Outreach Program Manager  
Sandia National Laboratories/California  
7011 East Avenue, MS 9904  
P.O. Box 969  
Livermore, CA 94550  
(510) 294-3760/Fax: (510) 294-1526  
E-mail: KPScott@Sandia.gov

### **Chicago and National Science Explorers Program**

This program uses PBS "New Explorers" videotapes. Teachers present science concepts to students, and teacher guides, designed to accompany each videotape, are available for use in the classroom and in collaboration with museums and other science institutions.

Films, Inc.  
5547 North Ravenswood Avenue  
Chicago, IL 60640-1199

Argonne National Laboratory  
9700 South Cass Avenue  
Argonne, IL 60439  
(800) 343-4312

### **Hands-On Universe Program**

This Lawrence Berkeley Laboratory Program makes cutting-edge astrophysics research tools and technologies available to a wide audience. Via microcomputers and electronic networks, participants can request astronomical images created from the Laboratory's professional-grade telescopes.

Lawrence Berkeley Laboratory  
One Cyclotron Road  
Center for Science and Engineering Education  
Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660

### **International Science and Engineering Fair Special Awards**

This program awards scholarships and certificates to students who present outstanding energy-related science projects at the annual International Science and Engineering Fair.

Associated Western Universities  
4190 South Highland Drive, Suite 211  
Salt Lake City, UT 84124  
(801) 273-8900/Fax: (801) 277-5632

### **National Education Supercomputer Program (NESP)**

In these summer workshops, students and teachers use a Cray Y-MP supercomputer dedicated to education.

Brian Lindow  
Manager of Educational Technology Programs  
Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 422-6080/Fax: (510) 423-0418  
E-mail: lindowl@llnl.gov

### **National Science Bowl**

The annual academic National Science Bowl competition motivates and recognizes outstanding high school students in science. Awards include trips to DOE National Laboratories.

Sue Ellen Walbridge  
U.S. Department of Energy  
Office of Energy Research  
1000 Independence Avenue SW  
Washington, DC 20585-0118  
(202) 586-7231/Fax: (202) 586-0019

### **Standard Model of Fundamental Particles and Interactions**

DOE, through Lawrence Berkeley Laboratory and the Stanford Linear Accelerator Center, has sponsored production and distribution of this instructional packet to provide teachers with methods for presenting up-to-date ideas on quarks and leptons.

Science Kit & Boreal Laboratories  
777 East Park Drive  
Tonawanda, NY 14150-6784  
(716) 874-6020

## **U.S. Department of Health and Human Services (HHS)**

### **Minority High School Student Research Apprentice (MHSSRA) Program**

MHSSRA has three areas of focus: high school students and inservice and preservice teachers. MHSSRA's 6- to 8-week apprenticeship program cultivates interest among minority high school students in the biomedical sciences. Students work with local biomedical investigators and learn research procedures, collect and analyze data, help write scientific papers, and deliver presentations at research seminars.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
1 Rockledge Centre  
6705 Rockledge Drive, MSC 7965  
Bethesda, MD 20892-7965  
(301) 435-0760



### **Minority High School Student Research Apprentice (MHSSRA) Program for Inservice Teachers**

The MHSSRA Inservice Program supports the participation of minority teachers or teachers who teach large numbers of minority students in cutting-edge biomedical research. Teachers work with biomedical investigators who are committed to broadening the teachers' scientific knowledge and understanding of technical skills in the hopes that it will transfer into the classroom.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
1 Rockledge Centre  
6705 Rockledge Drive, MSC 7965  
Bethesda, MD 20892-7965  
(301) 435-0760

### **Minority High School Student Research Apprentice (MHSSRA) Program for Preservice Teachers**

The MHSSRA Preservice Program supports the participation of minority undergraduate students interested in a science teaching career in biomedical research while working with local biomedical investigators. The program's intent is to expand teachers' basic scientific knowledge and expose them to research experiences before they enter the classroom.

National Center for Research Resources  
National Institutes of Health  
Biomedical Research Support Program  
1 Rockledge Centre  
6705 Rockledge Drive, MSC 7965  
Bethesda, MD 20892-7965  
(301) 435-0760

### **National Cancer Institute Student Research Training Program**

The primary objective of the National Cancer Institute Student Research Training Program is to provide training and practical experience to highly motivated high school students who work in the National Cancer Institute intramural programs and who are interested in pursuing biomedical research careers. The training program is divided into four areas of research—cancer etiology, prevention and control, treatment, and biology.

National Cancer Institute  
National Institutes of Health  
Equal Employment Office  
Building 31, Room 10A33  
9000 Rockville Pike  
Bethesda, MD 20892  
(301) 496-6266

### **National Institute of Environmental Health Sciences (NIEHS) Summers of Discovery Environmental Science Education Outreach Program**

Summers of Discovery, a program for precollege science teachers and high school through graduate school students who are interested in pursuing careers in the biological sciences, matches participants with volunteer mentors from the intramural program to spend between 2 and 3 months in the mentor's laboratory working on a research project that exposes them to some of the latest biomedical, molecular, and cellular techniques.

National Institute of Environmental Health Sciences  
National Institutes of Health  
Summers of Discovery  
Attention: Personnel Office  
P.O. Box 12233/RTP.NC 2NN09  
Research Triangle Park, NC 27709  
(919) 541-4265

### **Research Supplements for Underrepresented Minority High School Students**

The Research Supplements for Underrepresented Minority High School Students is designed to provide support for summer research experiences for underrepresented minorities. Any Principal Investigator holding an active National Institutes of Health research grant may be eligible to submit a request for an administrative supplement to support a minority high school student.

Office of Grant Inquiries  
Division of Research Grants  
National Institutes of Health  
6701 Rockledge Drive  
Suite 3032, NSC 7762  
Bethesda, MD 20892  
(301) 435-0714



## Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers

The Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers program is designed to provide research experiences for qualified high school students with disabilities who wish to participate in an ongoing research project during the summer or during the school year.

Office of Grant Inquiries  
Division of Research Grants  
National Institutes of Health  
6701 Rockledge Drive  
Suite 3032, NSC 7762  
Bethesda, MD 20892  
(301) 435-0714

## Summer Science Enrichment Program

The Summer Science Enrichment Program, conducted at sites across the country, encourages underrepresented minorities and underserved youth to pursue professional careers in science, mathematics, and research. During the 6-week sessions, scientists act as teachers and mentors. The program includes classroom and laboratory experiences, as well as weekly field trips and evening seminars.

National Cancer Institute  
National Institutes of Health  
Executive Plaza North, Room 240  
6130 Executive Boulevard  
Rockville, MD 20892  
(301) 496-8680

# U.S. Department of the Interior (DOI)

## Earth Science Information Centers (ESICs)

Earth Science Information Centers offer nationwide information and sales service for U.S. Geological Survey map products and Earth science publications. This network of ESICs provides information about geologic, hydrologic, topographic, and land-use maps; books and reports; aerial, satellite, and radar images and related products; Earth science and map

data in digital format and related application software; and geodetic data. ESICs can also provide information on private and public producers of Earth science-related products throughout the United States. For more information contact any ESIC or call (800) USA-MAPS.

Earth Science Information Center Reston  
507 National Center  
Reston, VA 22092  
(703) 648-6045/Fax: (703) 648-5548  
(800) USA-MAPS

## Federal Junior Duck Stamp Conservation Program

The Federal Junior Duck Stamp Conservation Program uses art as a catalyst to generate interest in wetlands conservation. K-12 students compete for prizes, including an expense-paid trip to Washington, DC, for the top three winners. The program currently operates in 25 States and expansion to all 50 States is expected within the near future.

JoAnn Schneider, Program Director  
Federal Junior Duck Stamp Conservation Program  
U.S. Department of the Interior  
1849 C Street NW, Room 2058  
Washington, DC 20240  
(202) 208-4354

## Heritage Education Program

The Bureau of Land Management's Heritage Education Program is multifaceted, providing educational experiences and teaching resources with a focus on archaeology, history, and paleontology for the school setting as well as for outdoor classrooms, museums, and other informal learning environments. Materials for educators include *Intrigue of the Past*, a teacher's guide to archaeology and ideas for classroom activities.

Project Manager  
Bureau of Land Management Imagination Team  
Anasazi Heritage Center  
27501 Highway 184, P.O. Box 758  
Dolores, CO 81323  
(303) 882-4811

## **Parks as Classrooms Program**

The Parks as Classrooms Program offers teachers an opportunity to use the national parks to augment classroom instruction. Emphasis in most locations is on ecological and biological principles, while at fewer locations geological, meteorological, and oceanographic principles are specified. The National Park Service offers workshops in the parks to encourage teachers to build their curricula around park resources.

Robert Huggins, National Program Director  
Parks as Classrooms Program  
National Park Service  
P.O. Box 37127  
Washington, DC 20013-7127

## **Project Water Education for Teachers (WET)**

Project WET develops diverse and innovative approaches to a balanced water education program that appeals to a wide spectrum of educators and students. Responding to the varied learning styles of young people and highlighting natural and social sciences, mathematics, and the arts, Project WET is producing diverse educational publications, models, and programs. States currently involved in Project WET are listed in the State Highlights section of this publication.

Dennis Nelson, Director  
National Project WET  
201 Culbertson Hall  
Montana State University  
Bozeman, MT 59717  
(406) 994-5392

## **Project WILD**

Project WILD provides training and curriculum materials for teachers interested in the environmental sciences. The guides contain more than 80 supplementary, interdisciplinary activities for grades K-12. Guides are free to teachers attending the training session. The Project WILD coordinator in each State can provide additional information about Project WILD programs.

Betty Olivolo, Director  
Project WILD  
5430 Grosvenor Lane  
Bethesda, MD 20814  
(301) 493-5447/Fax: (301) 493-5627

## **Research Apprenticeship Program for Students**

Selected high school students learn about the management of natural and cultural resources on the Nation's public lands through first-hand work experience. Students work directly with scientists and other professionals. The program operates in the western United States.

Steven Shafran  
Bureau of Land Management  
Denver Federal Building  
390 Union, Suite 350  
Denver, CO 80025-5698  
(303) 969-5698

## **Suitcase for Survival**

Suitcase for Survival is a special education campaign to acquaint young people with protected wildlife and how illegal trade in these species threatens them with extinction. The program is a cooperative effort sponsored by the U.S. Fish and Zoo and Aquarium Association, the World Wildlife Fund, and the National Fish and Wildlife Foundation. Suitcases, donated by American Tourister, are filled with confiscated wildlife products, accompanied by educational materials. Operated nationally through zoological parks across the country, the program sponsors training classes for teachers to enable them to use the suitcases, and recommends curriculum to help children understand the connection between living animals and the products in the suitcases.

Lynn Baptista, Director of Education  
American Zoo and Aquarium Association  
Parks and Aquariums  
7970-D Old Georgetown Road  
Bethesda, MD 20814  
(301) 907-7777

## **Watchable Wildlife**

Watchable Wildlife will create a national network of wildlife viewing areas by forming State coalitions that consist of Federal agencies, nonprofit organizations, and environmental associations. Teachers may, for a small fee, purchase a guidebook to their State's Watchable Wildlife facilities. Future plans include the development of interpretive exhibits, visitor centers, environmental and conservation programs, and educational materials. Currently, 20 States participate in this program.

Mark Hilliard  
Wildlife Appreciation Program Manager  
Western Fish and Wildlife Staff  
3380 Americana Terrace  
Boise, ID 83706  
(208) 384-3088

### Youth Conservation Corps

The Youth Conservation Corps is a summer employment program offered by both the U.S. Department of Agriculture and DOI. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed so as to give enrollees an understanding of their tasks and how their work enhances the environment.

Youth Conservation Corps Coordinator  
U.S. Department of the Interior  
National Park Service  
P.O. Box 37127, Suite 57  
Washington, DC 20013-7217  
(202) 343-5514

## U.S. Department of Labor (DOL)

### Job Corps

A residential employment and training program for severely disadvantaged youth ages 16-24, Job Corps prepares young people for employment and entrance into vocational/technical schools or other institutions for further education and training. Students receive room and board, books, supplies, and a cash living allowance. The program offers vocational training; English-as-a-second-language (ESL); basic education; and instruction in personal hygiene, nutrition, positive work habits, social skills, parenting, intergroup relations, and constructive use of leisure time. Services are provided at one of Job Corps' 100-plus centers across the country. The program offers an individually paced education program that includes reading, mathematics, and GED and precollege preparation.

John Chowning, Education Specialist  
Education and Enrollee Support Unit, Job Corps  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW, Room N4507  
Washington, DC 20210  
(202) 219-5556/Fax: (202) 219-5183

### Job Training Partnership Act (JTPA) State and Local Programs for Economically Disadvantaged Adults and Youth

State and local JTPA Programs, available in virtually every part of the country, prepare economically disadvantaged adults and youth to compete in the labor market. Depending on an individual participant's needs, a broad array of services are available through these programs, including vocational training, basic mathematics, and GED instruction. Activities include a special Summer Jobs Program for low-income youth. The summer program has an education component.

Josephine Nieves, Administrator  
Office of Job Training Programs  
Employment and Training Administration  
U.S. Department of Labor  
200 Constitution Avenue NW, Room N4469  
Washington, DC 20210  
(202) 219-6236/Fax: (202) 219-7190

## U.S. Department of Transportation (DOT)

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on Federal Aviation Administration (FAA) aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Phillip S. Woodruff  
Aviation Education Team Leader  
Aviation Education Program (AHR-15)  
Federal Aviation Administration  
400 Seventh Street SW, Plaza 100  
Washington, DC 20590  
(202) 366-7018/Fax: (202) 366-3786

### **International Science Fair**

The annual International Science Fair is the world's largest science fair. Administered by Science Service, Inc., the FAA supports this program by providing qualified judges and awards in the "Special Awards Program" area. The Special Awards Program is sponsored by scientific and engineering societies, Federal agencies, colleges and universities, and private industry.

Aviation Education Representative  
Atlantic City International Airport  
Human Resource Management Division  
Atlantic City, NJ 32137  
(609) 485-6032/Fax: (609) 485-4391

## **U.S. Environmental Protection Agency (EPA)**

### **Environmental Education and Training Program**

In September 1995, EPA entered into a cooperative agreement with a consortium of nonprofit organizations and academic institutions led by the North American Association for Environmental Education (NAAEE) to operate the second 3-year phase of a nationwide environmental education and training program. This program is authorized under section 5 of the National Environmental Education Act of 1990. The purpose of the program is to train education professionals to develop and deliver quality environmental education programs. The second phase of the program will focus on supporting and expanding existing quality training efforts; identifying, evaluating, and disseminating information on "model" education materials, teaching methods, and programs; and strengthening and expanding partnerships and networks. This effort will build upon the

work initiated by the National Consortium for Environmental Education and Training (NCEET) and led by the University of Michigan, which operated the program from 1992-1995.

Augusto Medina, Project Manager  
NAAEE  
1255 23rd Street NW, Suite 400  
Washington, DC 20037  
(202) 884-8788/Fax: (202) 884-8701

Kathleen MacKinnon, Project Officer  
EPA Environmental Education Division (1707)  
401 M Street SW  
Washington, DC 20460  
(202) 260-4951/Fax: (202) 260-4095

### **Environmental Education Grants Program**

The purpose of the Environmental Education Grants Program is to stimulate environmental education by supporting projects to design, demonstrate, or disseminate new practices, methods, or techniques related to environmental education. Projects must demonstrate the potential for wide application and address a high-priority environmental issue. Only State and local agencies and nonprofit organizations or institutions are eligible to apply for grants; however, teachers may participate in the program through their school or another organization. Grants of less than \$25,000 are awarded by the regional offices, and inquiries should be directed to the appropriate region. Grants of \$25,000 to \$250,000 are awarded from the Washington, DC, office.

George Walker, Grants Specialist  
Environmental Education Grants Program  
Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW (1707)  
Washington, DC 20460  
(202) 260-8619

### **Environmental Resource Curricular Program**

In the Environmental Resource Curricular Program, EPA, working with educators, sponsors the development of applied, minds-on, integrated teaching tools designed to fit within existing learning objectives. These innovative modules use case studies to explain scientific events. Students conduct the science activities and bridge the science into action at the community level.

Ron Slotkin, Program Manager  
Office of Science, Planning, and Regulatory  
Evaluation  
U.S. Environmental Protection Agency  
401 M Street SW (H-8105)  
Washington, DC 20460  
(202) 260-0578/Fax: (202) 260-0036

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

Doris Gillispie, Youth Program Coordinator  
Environmental Education Division  
U.S. Environmental Protection Agency  
401 M Street SW (1707)  
Washington, DC 20460  
(202) 260-8749/Fax: (202) 260-0790

### **Progression Education Program (PEP)**

Initiated in fiscal year 1992, 10 training cooperative agreements between educational institutions and EPA laboratories focused on career access and student preparation that may lead to employment in the environmental field. The agreements help to encourage minority students from high school, college, or graduate school to pursue advanced degrees in envi-

ronmental science. Tuition assistance and summer employment are provided. The program also produces targeted curriculum for use by such minority groups as Native Americans. In 1994-1995 the program will be open to competition, and educational institutions may apply through participating EPA/Office of Research and Development Laboratories.

Ron Slotkin, Program Manager  
Office of Science, Planning, and Regulatory  
Evaluation  
U.S. Environmental Protection Agency  
401 M Street SW (H-8105)  
Washington, DC 20460  
(202) 260-0578/Fax: (202) 260-0036

### **Project Air Information Resources for Education (A.I.R.E.)**

In cooperation with the American Lung Association, the EPA Air and Radiation employees together with schools nationally are promoting awareness of air quality issues and science. Program volunteers visit classrooms and conduct demonstrations, talks, and interactive sessions about air pollution and the decision-making process involved in the making of EPA policy using science. Text is available.

Linda Zarro, Coordinator  
Office of Air and Radiation  
U.S. Environmental Protection Agency  
401 M Street SW (6102)  
Washington, DC 20460  
(202) 260-6621

### **Public Information Centers (PICs)**

Public Information Centers provide public access to information selected and maintained by the Federal Government on major ecological and environmental issues. The Centers offer publications, data, interactive computer workstations, theaters, and exhibits, although available services may vary from center to center. The PIC also has environmental education materials for K-12 students and teachers. A PIC is located within each of the 10 regional offices.

Public Information Center  
U.S. Environmental Protection Agency  
401 M Street SW (3404)  
Washington, DC 20460  
(202) 260-7751/Fax: (202) 260-2080



## Water Employees Together With America's Youth Program

In cooperation with National Geographic, the Water Employees Together With America's Youth Program was launched to expand the National Geographic Awareness Week Program. Program volunteers visit classrooms and conduct demonstrations about water and other environmental issues.

Education Coordinator, Office of Water  
U.S. Environmental Protection Agency  
401 M Street SW (4102)  
Washington, DC 20460  
(202) 260-0599

# National Aeronautics and Space Administration (NASA)

## Aerospace Education Services Program (AESP)

AESP focuses on elementary and secondary school levels and uses NASA's mission to enhance the knowledge, skills, and experience of teachers to capture the interest of students and to channel that interest into related career paths. Teacher enhancement is NASA's highest priority in elementary and secondary education. NASA-AESP programs meet accepted teaching standards and expose teachers to curriculum standards including skills, attitudes, connections, and content. High-quality instructional materials and state-of-the-art educational research and technologies are used while highlighting both subject content and pedagogical skills. Teacher workshops use exemplary teaching practices in emphasizing the NASA mission as a common theme. AESP Specialists perform educational assemblies and classroom visits in schools where teacher workshops, school-sponsored and designed integrated thematic units, and NASA Aerospace Community Involvement Programs are being conducted.

Education Division, Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1531

## Community Involvement Program (CIP)

The Community Involvement Program is a unique, multidimensional service that seeks to involve not just schools, but service clubs, local government officials, and the private sector in a communitywide program that places special emphasis on the educational value of the Nation's aerospace program. CIPs are usually initiated at the request of a school administrator or State education official. Once a community has been selected, NASA officials and educators *within* the community meet to plan the program and its duration, which can range from 1 week to 1 month. Aerospace Education Services Program Specialists usually form the core of the program, with additional NASA personnel added as desired or needed. While no two CIPs are alike, a typical program includes many of the elements of an education specialist's visit in an expanded format; for example, comprehensive inservice workshops, community exhibits, student competitions, workshops, assemblies for both students and the general public, and other public events. Although CIPs are extremely well received and are in great demand, due to limited resources and the intensive nature of these programs, NASA conducts no more than four or five each year. Therefore, smaller school districts are encouraged to contact other school districts, or possibly a State education official, in an effort to widen the geographic area proposed for this program.

Education Division, Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1531

## Educational Horizons

The newsletter *Educational Horizons* is NASA's triannual publication for educators. Each issue features information about upcoming Shuttle missions, updates on space science and aeronautics research, and information about NASA's Education Program. The newsletter is free by subscription to educators and announces the latest educational publications available from NASA.

NASA Headquarters  
*Educational Horizons*  
Code FE  
Washington, DC 20546-0001  
(202) 358-1533



## MATHCOUNTS

MATHCOUNTS is an annual mathematics competition for 7th- and 8th-grade students that brings a number of organizations together in a cooperative effort to promote and reward excellence in mathematics. Competition begins at the local level and culminates in a national competition. NASA sponsors a week-long trip to the U.S. Space Camp for individual and team winners of the national competition, and awards a 3-day mathematics workshop at a NASA Field Center to the top eight coaches in the national competition.

MATHCOUNTS  
1420 King Street  
Alexandria, VA 22314  
(703) 684-2928

## NASA Educational Workshops for Elementary School Teachers (NEWEST)

NEWEST provides a 2-week workshop (graduate credit optional) to elementary school teachers (grades K-6) at a NASA Field Center. The teachers participate in seminars conducted by NASA scientists and engineers, learn about current research and projects, and are provided with techniques to assist them in incorporating aerospace-related topics into their curricula. Participants receive a variety of educational materials to take back to their classrooms. The application deadline is mid-February, with selection in mid-April.

National Science Teachers Association  
NEWEST Program  
1840 Wilson Boulevard  
Arlington, VA 22201-3000  
(703) 243-7100

## NASA Educational Workshops for Math, Science, and Technology Teachers (NEWMAST)

NEWMAST provides mathematics, science, and technology teachers (grades 7-12) a 2-week inservice workshop (graduate credit optional) at a NASA Field Center. Participants observe state-of-the-art research and development activities, interact with NASA scientists and engineers, and receive a variety of educational materials to share with their peers and students. The application deadline is mid-February with selection in mid-April.

National Science Teachers Association  
NEWMAST Program  
1840 Wilson Boulevard  
Arlington, VA 22201-3000  
(703) 243-7100

## NASA Spacelink

NASA Spacelink is a computer information service that allows individuals to receive news about current NASA programs, activities, and other space-related information, including historical and astronaut data, lesson plans, classroom activities, and even entire publications. Although primarily intended as a resource for teachers, anyone with a personal computer and a modem can access the network. The Spacelink computer access number is (202) 895-0028. Users need a computer, modem, communications software, and a long-distance telephone line to access Spacelink. It is also available through the Internet, a worldwide computer network connecting a large number of educational institutions and research facilities. Callers with World Wide Web or telnet access may reach NASA Spacelink at any of the following addresses:

<<http://spacelink.msfc.nasa.gov>>  
<[spacelink.msfc.nasa.gov](mailto:spacelink.msfc.nasa.gov)>  
<192.149.89.61>

NASA Spacelink Administrator  
Code CLOI  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 961-1225

## NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Education Division  
Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1518

## **NASA Teacher Resource Center Network (TRCN)**

Teachers can enhance their existing curriculum through information that is generated by NASA programs, technologies, and discoveries. Although NASA educational materials relate primarily to mathematics, science, and technology, they can be valuable curriculum supplements for all subjects. To disseminate materials to elementary educators, secondary educators, and higher education faculty, the NASA Education Division has established the NASA Teacher Resource Center Network. TRCN is composed of Teacher Resource Centers, Regional Teacher Resource Centers, and the NASA Central Operation of Resources for Educators.

Education Division  
Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1518

## **NASA Television**

NASA Television is the Agency's distribution system for live and taped programs. It offers the public a front-row seat for launches and missions, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. The educational programming is aimed at inspiring students to achieve, especially in science, mathematics, and technology. If your school's cable system carries NASA TV or if your school has access to a satellite dish, the programs may be downlinked and videotaped. Daily and monthly programming schedules for NASA Television are also available via NASA Spacelink. NASA Television is transmitted on Spacenet 2 (a C-band satellite) on transponder 5, channel 9, 69 degrees west longitude, frequency 3880.0 megahertz, horizontal polarization, audio on 6.8 mHz.

NASA Television  
Code P-Z  
NASA Headquarters  
300 E Street SW  
Washington, DC 20546  
(202) 358-3572

## **Satellite Videoconferences**

The "NASA...On the Cutting Edge" education videoconference series offers teachers and students opportunities for live, interactive dialog—by telephone and via NASA Spacelink—with NASA scientists. Conferences highlight current NASA research and technology. Participation is free. Register via mail, telephone, or e-mail.

NASA...On the Cutting Edge  
NASA Teaching from Space Program  
Oklahoma State University  
308 CITD, Room A  
Stillwater, OK 74078-8089  
(405) 744-6784/Fax: (405) 744-6785  
E-mail: NasaEduTV@smtpgate.osu.hq.nasa.gov

## **Science and Engineering Fairs**

To stimulate interest in aeronautics and aerospace sciences among secondary school students, NASA participates in the science fairs administered by Science Services. NASA recognizes students with outstanding projects in aeronautics, space sciences, mathematics, space technology, and applications. Participation in NASA's award program must be requested by fair directors, and NASA depends on individual science and engineering fair judges to select recipients of NASA certificates. NASA's own team of judges attends the international fair and selects 10 students to receive an educational trip, accompanied by their teachers, to a NASA Field Center.

Science Service  
1719 N Street NW  
Washington, DC 20036  
(202) 785-2255

## **Shuttle Amateur Radio Experiment (SAREX)**

With the help of Amateur Radio clubs and ham operators, astronauts on designated shuttle flights make radio contacts while in orbit. The astronauts talk directly with teachers, parents, and communities. The American Radio Relay League, the Radio Amateur Satellite Corporation, and NASA's Education Division sponsor this shuttle experiment. The American Radio Relay League can provide educators with lesson plans and resource materials.

American Radio Relay League (ARRL)  
225 Main Street  
Newington, CT 06111  
(860) 594-0200

### **Space Science Student Involvement Program (SSIP)**

SSIP is an annual program that allows students to compete in diverse areas related to space exploration, including the arts and sciences. While the program culminates in a national competition, it has been designed to be used within the context of existing curricula. SSIP has five multidimensional program elements within which students may compete: one for grades 3–12; one for grades 3–5; one for grades 6–8; and two for grades 9–12. Public or private school students are eligible to apply.

National Science Teachers Association  
SSIP Program  
1840 Wilson Boulevard  
Arlington, VA 22201-3000  
(703) 243-7100

### **Summer High School Apprenticeship Research Program (SHARP) Plus**

SHARP Plus is a research-based mentor program that is the residential analog of the NASA Summer High School Apprenticeship Research Program. SHARP Plus research experiences occur in industry or in laboratories at universities that host SHARP Plus students on their campuses. The objective of the SHARP Plus Program is to increase underrepresented students' participation and success rates in mathematics and science precollege courses, thereby increasing the pool of underrepresented mathematics, science, and engineering majors in college, and hence the number of underrepresented professionals available for the workplace. SHARP Plus offers a select group of 300 rising, underrepresented 11th- and 12th-grade students, who have aptitude and interest in science and engineering, with the opportunity to participate in an intensive 8-week residential mentor-based research experience.

Education Division, Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1540

### **Urban Community Enrichment Program (UCEP)**

The Urban Community Enrichment Program exposes teachers and middle school students from urban communities to interesting and broadening activities. Special emphasis is placed on communication, logic, and reasoning skills that are curriculum based. Major activities include lectures, demonstrations, and structured classroom activities highlighting the various sciences that supplement the ongoing curriculum. In addition, workshops and other activities are offered to school personnel. Technical and logistical assistance are supplied by the NASA UCEP Coordinator. In preparation for the program, NASA Aerospace Education Specialists train core teachers as a team to conduct interdisciplinary aerospace activities in school districts.

Education Division, Code FE  
NASA Headquarters  
Washington, DC 20546-0001  
(202) 358-1531

## **National Science Foundation (NSF)**

### **Advanced Technological Education (ATE)**

The ATE program promotes exemplary improvement in advanced education through support of curriculum development and program improvement. The program targets technicians being educated for the high-performance workplace of advanced technologies. Such technicians normally earn an associate degree in engineering or science technology that qualifies them for immediate employment or for transfer to a 4-year institution. Because of the nature of advanced technological education programs, where appropriate, projects should build on alliances of associate degree-granting institutions with 4-year colleges and universities, secondary schools, business, industry, and government. The program supports National/Regional Centers of Excellence in Advanced Technological Education; projects for the development of instructional materials and curriculum; instrumentation and laboratory improvement;

technical experiences for students and faculty and teacher development; and special projects such as conferences and studies that will improve understanding of issues in advanced technological education. ATE centers and projects will result in major improvements in advanced technological education, serve as models for other institutions, strengthen student preparation in mathematics and science, and yield educational products for national dissemination. All projects must have a vision for technician education that is used to guide project development. The ATE program is jointly managed by the Division of Undergraduate Education (DUE) and the Division of Elementary, Secondary, and Informal Education (ESIE).

Advanced Technological Education  
Directorate for Education and Human Resources  
Division of Undergraduate Education  
National Science Foundation  
4201 Arlington Boulevard, Suite 835  
Arlington, VA 22230  
(703) 306-1668

### **Collaboratives for Excellence in Teacher Preparation Program**

The Collaboratives for Excellence in Teacher Preparation Program supports projects aimed at major changes in approaches to the undergraduate preparation of future teachers of elementary and secondary science and mathematics. This includes development of new institutional structures, the production of creative materials, courses and curricula for teacher education, and research on factors affecting the recruitment and preparation of teachers. Projects demonstrate leadership by the scientific discipline departments and emphasize a solid foundation in science or mathematics and rigorous attention to effective teacher practices, including the use of advanced instructional technologies. Special interests include multidisciplinary projects and initiatives for recruiting members of underrepresented groups into the teaching profession. Collaborations among scientists, science educators, teachers, and other educational leaders, within and among institutions of higher education and school systems, are encouraged in the planning and implementation of projects. Colleges and universities or their consortia that have the capacity to prepare significant numbers of highly qualified teachers are eligible to submit proposals. In addition, proposals for teacher preparation that are smaller in scale and more focused than a collabora-

tive are welcome in other programs in the Division of Undergraduate Education, as appropriate. These programs support course and curriculum development, undergraduate faculty enhancement activities, and laboratory equipment. Projects may support courses in which prospective teachers are all or part of the preservice audience. Special interests parallel those of the Collaborative program.

Teacher Preparation Program  
Division of Undergraduate Education  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1668

### **Comprehensive Partnerships for Minority Student Achievement Program**

The Comprehensive Partnerships for Minority Student Achievement Program supports comprehensive precollege education reform programs targeted at school systems having significant minority student populations. City and county school systems, which are the units of change, are expected to link with institutions of higher education, businesses, professional organizations, community-based, and other educational organizations in the design and implementation of in-school student and teacher enhancement activities and informal education efforts. The program's goals are to improve student achievement in mathematics and science courses, to enhance teacher knowledge and skills, and to expand student interest in science, mathematics, and technology as career choices. Academic institutions and nonprofit organizations are eligible to apply for funding through this program.

Comprehensive Partnerships for Minority Student Achievement Program  
Division of Human Resource Development  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1633

### **Informal Science Education Program**

The Informal Science Education Program supports projects to provide rich and stimulating environments outside of school where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science, mathematics, and technology. Projects, developed by museums



and science centers, the media, the community and youth organizations, are designed to have the potential for significant regional or national impact. The program is particularly interested in (1) increasing the number of underrepresented youth (e.g., minorities, females, the physically disabled) pursuing science, mathematics, and technology (SMT) activities both in and out of school; (2) establishing linkages between formal and informal education that result in creative and improved learning environments; (3) stimulating parents' support of their children's SMT education and their own role as effective advocates for quality SMT education; and (4) bringing informal science opportunities to underserved rural and inner-city areas. Proposals are accepted from any organization having a scientific or educational mission.

Informal Science Education Program  
Division of Elementary, Secondary, and Informal Education  
National Science Foundation  
4201 Wilson Boulevard, Suite 885  
Arlington, VA 22230  
(703) 306-1616

### **Instructional Materials Development Program**

The Instructional Materials Development Program supports development of an innovative, comprehensive, and diverse portfolio of materials, prekindergarten through grade 12, which implement standards-based reform in science, mathematics, and technology education and lead to development of thinking skills and problem-solving abilities. Materials, designed for the success of all students, are based on the latest research reflecting how students learn most effectively, and incorporate state-of-the-art instructional technologies and appropriate assessment strategies. Supported projects are expected to have dissemination plans that lead to adoption and utilization in school both nationally and internationally. Any organization with a scientific or educational mission may submit proposals to this program.

Instructional Materials Development Program  
Division of Elementary, Secondary, and Informal Education  
National Science Foundation  
4201 Wilson Boulevard, Suite 885  
Arlington, VA 22230  
(703) 306-1614

### **Presidential Awards for Excellence in Science and Mathematics Teaching Program**

The Presidential Awards for Excellence in Science and Mathematics Teaching Program provides national recognition to outstanding teachers in science and mathematics. Each year, two mathematics teachers and two science teachers at the elementary, middle, and secondary school levels are selected from each State and each of the four jurisdictions. State finalists receive a cash award; national finalists receive discretionary funds and materials to improve science, mathematics, or technology education at their home institution, as well as attend special activities in Washington, DC, which promote professional interactions. Eligible teachers include those whose primary responsibility is classroom teaching of science, mathematics, or technology in public or private schools. Applicants must have a minimum of 5 years' experience and intend to continue teaching over the next 2 years. Teachers may be nominated by administrators, students, or parents.

Presidential Awards for Excellence in Science and Mathematics Teaching Program  
Division of Elementary, Secondary, and Informal Education  
National Science Foundation  
4201 Wilson Boulevard, Suite 885  
Arlington, VA 22230  
(703) 306-1613

### **Programs for Persons With Disabilities**

NSF Programs for Persons With Disabilities have recently been expanded and are committed to bringing about change in academic and professional climates, developing new methods of teaching science and mathematics, increasing the awareness and recognition of the needs and capabilities of students with disabilities, promoting the accessibility and appropriateness of instructional materials and educational technologies, and increasing the availability of mentoring resources. Though the Foundation encourages persons with disabilities to participate fully in NSF-supported programs, its Human Resource Division has initiated efforts focused on (1) eliminating barriers to the participation of students with disabilities in science, engineering, and mathematics studies; (2) changing the attitudes of the education community and the public in general about the potential of persons with disabilities; and (3) offering

aid for adaptive technologies and assistance to allow students, scientists, engineers, and mathematicians to participate in NSF-supported research.

Programs for Persons With Disabilities  
Division of Human Resource Development  
Directorate for Education and Human Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1637

### **Programs for Women and Girls**

The goal of the Programs for Women and Girls is to elicit projects that have high potential for effecting both short- and long-term changes in the representation of women in science, engineering, and mathematics careers, and in the overall science, engineering, and mathematics education of women and girls. Efforts involved in the initiative address educational issues from preschool through the graduate level, as well as professional issues. Three programs—Model Projects, Experimental Projects, and Information Dissemination Activities for Women and Girls—accomplish this goal.

Programs for Women and Girls  
Division of Human Resource Development  
Directorate for Education and Human Resources  
National Science Foundation  
4201 Wilson Boulevard  
Arlington, VA 22230  
(703) 306-1637

### **Rural Systemic Initiatives (RSI) Program**

The Rural Systemic Initiatives Program is an NSF effort to address barriers to systemic and sustainable improvements in science, mathematics, and technology education in rural, economically disadvantaged regions of the Nation. RSI is designed to fund projects from coalitions in regions defined by similarities in social, cultural, and economic circumstances, rather than by governmental boundaries. The program supports activities that lead to the formation of partnerships and coalitions; determination of present needs and resources and of future educational goals and implementation of strategies directed toward systemic educational reform, such as professional development for teachers and administrators that is aligned with national science and mathematics standards; adaptation of high quality, challenging curricula to address cultural diversity;

and formulation of appropriate assessment strategies that can measure gains in achievement for all students, regardless of socioeconomic status.

Rural Systemic Initiatives  
Division of Educational System Reform  
National Science Foundation  
4201 Wilson Boulevard, Suite 875  
Arlington, VA 22230  
(703) 306-1684

### **Statewide Systemic Initiatives (SSI) Program**

The Statewide Systemic Initiatives Program is a major NSF effort to encourage improvements in science, mathematics, and engineering education through comprehensive systemic changes in the education systems for the States. The program represents a strategy to strengthen the infrastructure for science and mathematics education through alignment of State policies and resources. This effort requires the collaboration of educators at all levels, business and industry, parents, and the community at large. States were selected for funding through a rigorous merit review process that included preliminary proposals, panel reviews of full proposals, and site visits. Selection was based on (1) State commitment to fundamental reform of mathematics and science education; (2) new directions in State vision for mathematics and science education that includes curriculum goals, assessment, teacher development, equity, governance, and improved outcomes; (3) consensus on the current status of science and mathematics education and on the identification of the most serious problems that need to be addressed; (4) partnerships that enable the effort to succeed; (5) a plan for effective management and oversight; and (6) an evaluation plan that encourages mid-course corrections. Twenty-five States and Puerto Rico received 5-year awards.

Statewide Systemic Initiatives Program  
Division of Educational System Reform  
National Science Foundation  
4201 Wilson Boulevard, Suite 875  
Arlington, VA 22230  
(703) 306-1684/Fax: (703) 306-0456

### **Teacher Enhancement Program**

The Teacher Enhancement Program supports the development of effective approaches and creative materials for the continuing education of elementary,



middle, and secondary school teachers of mathematics, science, and technology. Successful projects provide intensive training and followup activities during the academic year that result in strengthening both content knowledge and pedagogical skills. Projects are also expected to utilize the most effective instructional materials, assessment strategies, and educational technologies. The program places emphasis on projects to implement systemic change of science and mathematics education through the professional development of teachers in entire school districts for grades K–8 and of mathematics grades 7–12. Organizations having scientific or educational missions may submit a proposal.

Teacher Enhancement Program  
Division of Elementary, Secondary, and Informal  
Education  
National Science Foundation  
4201 Wilson Boulevard, Suite 885  
Arlington, VA 22230  
(703) 306–1613

### Urban Systemic Initiatives (USI) Program

The Urban Systemic Initiatives Program in science, mathematics, and technology education is a comprehensive and systemic effort designed to enable fundamental reform of K–12 science and mathematics education in large urban school systems. Eligibility for the program is limited to school systems in the 25 cities having the largest numbers of school-aged children (ages 5–17) living in poverty as determined by the 1990 Census. Built upon experience gained from the Statewide Systemic Initiatives (SSI) program and the Comprehensive Regional Centers for Minorities (CRCM), the program provides significant support for 5 years to cities that have completed comprehensive planning and demonstrate readiness to make systemic and sustainable changes in the policies, practices, and procedures of urban school systems. At present, 16 of the eligible cities have received awards.

Urban Systemic Initiatives Program  
Division of Educational System Reform  
National Science Foundation  
4201 Wilson Boulevard, Suite 875  
Arlington, VA 22230  
(703) 306–1684

### Young Scholars Program

The Young Scholars Program is designed to excite students entering grades 7–12 about science, mathematics, and technology, and to encourage them to investigate and pursue careers in these fields. The program emphasizes student participation in the process of scientific discovery through interaction with practicing scientists in the laboratory and in the field. Projects offer a combination of research and problem-solving activities, along with discussions of career preparation and science ethics. Proposals may be submitted by colleges or universities or their associations or consortia, scientific or professional societies whose members are primarily university faculty or researchers, and for-profit industries or other organizations that are engaged in significant advanced research efforts and have experience interacting with students.

Young Scholars Program  
Division of Elementary, Secondary, and Informal  
Education  
National Science Foundation  
4201 Wilson Boulevard, Suite 885  
Arlington, VA 22230  
(703) 306–1615

## Smithsonian Institution

### National Science Resources Center's (NSRC) Resource Collection

The National Science Resources Center maintains a comprehensive and growing collection of effective science-teaching resource materials. Housed at the Arts and Industries Building of the Smithsonian Institution, the collection holds more than 5,000 volumes. The resource collection is cataloged and accessible through computerized information databases that include annotations as well as bibliographic data. The Resource Center has also produced an annotated guide to elementary science resources, *Science for Children: Resources for Teachers*. The completely revised and updated second edition is available under a new title, *Resources for Teaching Elementary School Science*. A companion volume for middle schools is also under development.

Douglas Lapp, Executive Director  
National Science Resources Center  
MRC 403  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

### **NSRC Elementary Science Leadership Institutes**

Each summer the National Science Resources Center (NSRC) conducts two Elementary Science Leadership Institutes at the Smithsonian Institution. These Institutes provide teams of administrators, curriculum specialists, teachers, and scientists from school districts across the country with the information and skills they need to develop and maintain effective hands-on elementary science programs. The Institutes are staffed by science educators and scientists who have implemented exemplary elementary science programs in their districts. This Initiative includes technical assistance to school districts across the country that are working to reform their elementary science programs.

Douglas Lapp, Executive Director  
National Science Resources Center  
MRC 403  
Smithsonian Institution  
Washington, DC 20560  
(202) 357-2555/Fax: (202) 786-2028

### **The Private Universe Project**

The Private Universe Project is developing a six-part nationally broadcast television series to help science teachers address student preconceptions in science. The 3-year project, funded in 1992, focuses on grades K-12. The series is derived from work pioneered in Project STAR: Science Teaching through its Astronomical Roots, and is an extension of that project's award-winning video, "A Private Universe." The project will alert science teachers to problems posed by their students' preconceived ideas and will encourage them to devise solutions tailored to students' specific needs.

Nancy Finkelstein  
60 Garden Street, Mail Stop 71  
Cambridge, MA 02138  
(617) 496-7687/Fax: (617) 496-7670

### **Professional Development Opportunities for Teachers**

Regional workshops and summer institutes are designed to strengthen ties between museums and schools nationwide and to contribute to the improvement of teaching methods and materials.

Brinton Ramsey  
Office of Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industries Building, Room 1163  
Washington, DC 20560  
(202) 357-2624/4542/Fax: (202) 357-2116

### **Project SPICA: Support Program for Instructional Competency in Astronomy**

Project SPICA provides astronomy education support to precollege teachers, particularly in grades K-9. The project has prepared some 180 expert teachers in 41 States to provide workshops to other teachers who want to enhance their use of astronomy in their classrooms. The SPICA agents may be contacted through the project office listed below. In addition, a manual containing 37 astronomy activities for grades 2-12, *Project SPICA: A Teacher Resource to Enhance Astronomy Education*, is available from Kendall/Hunt Publishing Company.

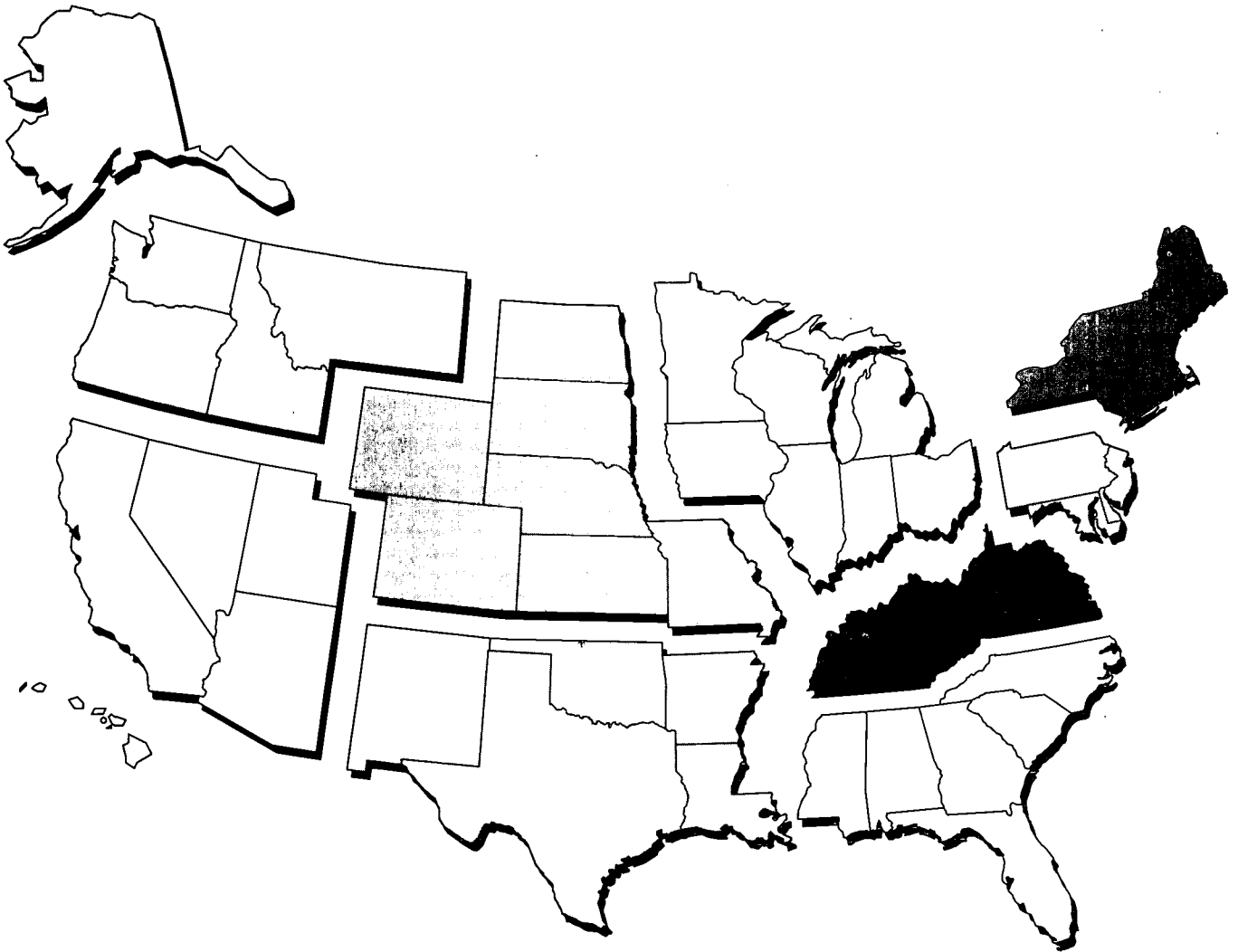
Judith Peritz  
Harvard-Smithsonian Center for Astrophysics  
60 Garden Street, MS71  
Cambridge, MA 02138  
(617) 496-4785/Fax: (617) 496-5405

### **Smithsonian Institution Student Programs**

The Office of Elementary and Secondary Education (OESE) each year conducts an internship program for graduating high school seniors. Young people from across the country spend 6 weeks working and learning under the guidance of Smithsonian scientists and other experts.

Bruce Underwood  
Office of Elementary and Secondary Education  
Smithsonian Institution  
Arts and Industry Building, Room 1163  
Washington, DC 20560  
(202) 357-2425/4542/Fax: (202) 357-2116

### State Highlights by Region



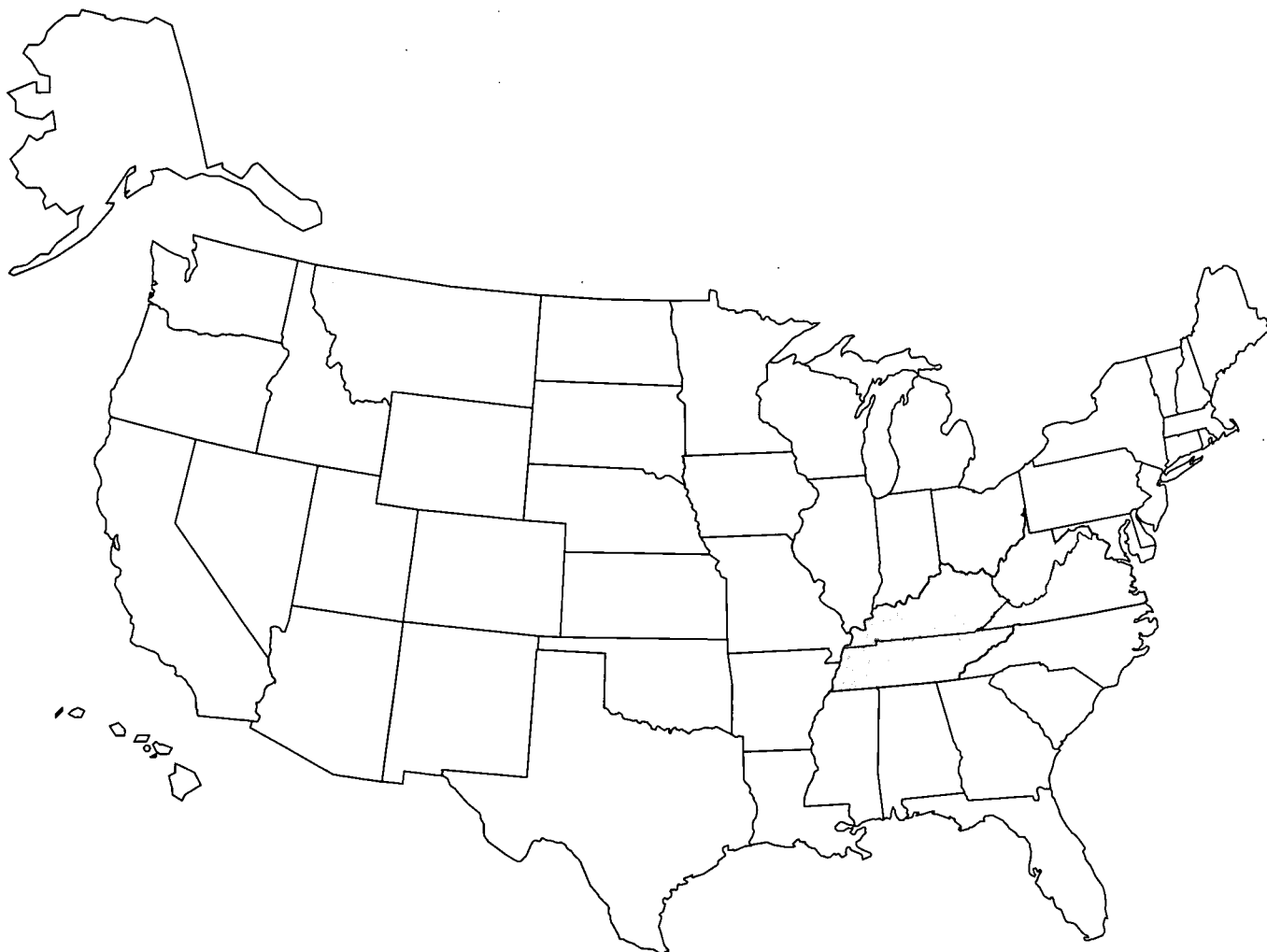
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# Appalachia

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**Areas Served:**

**Kentucky,  
Tennessee,  
Virginia, and  
West Virginia**



# Eisenhower Regional Consortium for Math and Science at AEL

The Eisenhower Regional Consortium for Mathematics and Science Education at AEL promotes and supports systemic reform in mathematics and science education in Kentucky, Tennessee, Virginia, and West Virginia. The Consortium builds on existing resources and creates partnerships that cut across State boundaries to link public schools, private schools, State and local education agencies, business and industry, science museums, and higher education institutions. Funded by the Eisenhower National Program for Mathematics and Science Education, the Consortium is 1 in a national network of 10 Consortia located across the country. The network also includes the Eisenhower National Clearinghouse at The Ohio State University.

The Consortium's support for systemic reform in mathematics and science education includes teams of trainers in each State, who are providing free, on-site training designed to help align classroom instruction with national standards and State-specific curriculum frameworks.

By working closely with the Region's mathematics and science educators, the Consortium's full range of services can be tailored to State initiatives. A regional board and four State steering committees help align Consortium activities with local needs and with needs common across the Region.

The Consortium provides:

- Information on mathematics and science education reform, exemplary practices, standards-based activities, and the Eisenhower National Clearinghouse for Mathematics and Science Education.
- Professional development for K-12 teachers on the national education standards in mathematics and science, State curriculum frameworks, and instructional technology.
- Assistance to State departments of education in developing standards-based curriculum frameworks.

- Opportunities for networking and collaboration for mathematics and science education stakeholders in the four-State Region.
- Technical assistance and instructional materials to schools through projects and programs recommended by State steering committees and state departments of education.
- Connections to the National Science Foundation's Appalachian Rural Systemic Initiative, operating in 66 counties across six States.

An Equity Minigrant Program sponsored by the Consortium helps classroom teachers increase opportunities for all students in the Region to attain a higher level of mathematics and science education. Grants of up to \$750 are available each year for projects designed to increase access to mathematics and science for students from traditionally underrepresented groups, including women, students with learning disabilities, students from rural areas, students from racial/ethnic/cultural minorities, students with physical disabilities, and students at risk for academic failure.

Equity minigrants can be used for various projects. For example, teachers might want to purchase materials to enhance the curriculum, bring scientists and mathematicians from traditionally underrepresented groups into classrooms to develop linkages or mentoring programs for students, provide research experiences for students from traditionally underrepresented groups, or develop school-based programs geared to increasing traditionally underserved students' interest and skills in science and mathematics.

The Consortium provides information on professional development opportunities at school sites; a newsletter entitled *Charmed Particles*; copies of EDTALK's *What We Know About Mathematics Teaching and Learning* and *What We Know About Science Teaching and Learning*; a proposal-writing guide entitled *Increasing Student Access to Mathematics and Science: A*



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*Guide for Classroom Equity Projects*; a set of classroom lessons entitled *Scope It Out: Standards-Based Microscope Lessons for the Middle School*; and catalogs of Appalachia Educational Laboratory products.

Dr. Pamela K. Buckley, Director  
Dr. Arlene Hambrick, Senior Manager  
Jamie Foster, Mathematics Specialist  
Janis Augustine, Projects Coordinator  
Kim Suiter, Secretary  
Sara Marchio, Secretary

Eisenhower Regional Consortium for Mathematics  
and Science Education at AEL

Mailing: P.O. Box 1348

Charleston, WV 25325-1348

Shipping: 1031 Quarrier Street

Charleston, WV 25301-2314

(304) 347-0400/Fax: (304) 347-1888

(800) 624-9120

E-mail: [aelinfo@ael.org](mailto:aelinfo@ael.org)

WWW: <<http://www.ael.org>>

# Kentucky

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Sylvester C. Umscheld  
Assistant Extension Director for 4-H  
University of Kentucky  
209 Scovell Hall  
Lexington, KY 40546-0064  
(606) 257-5605

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Faye Lowe  
Kentucky Farm Bureau  
9201 Bursen Parkway  
Louisville, KY 40250-0700  
(502) 495-5000/Fax: (502) 853-4114

Rayetta Boone  
Department of Agriculture  
500 Mero Street, Seventh Floor  
Frankfort, KY 40602  
(502) 564-4696/Fax: (502) 564-6527

## Department of Education (ED)

### Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0489  
(800) 624-9120

### Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Regional Consortium for Mathematics  
and Science Education at AEL  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-1888  
(800) 624-9120

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

John C. Drake  
Eisenhower Professional Development Program  
Kentucky Department of Education  
Capitol Plaza Tower, 17th Floor  
Frankfort, KY 40601  
(502) 564-3791/Fax: (502) 564-6721

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Wendell Cave  
Eisenhower Professional Development Program  
Kentucky Council on Higher Education  
1024 Capitol Center Drive, Suite 320  
Frankfort, KY 40601-8204  
(502) 573-1555/Fax: (502) 573-1535

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Mammoth Cave National Park**

Mammoth Cave National Park offers both surface and cave activities that focus on geology and natural history, as well as spring and fall teacher workshops, teacher guides, previsit materials, and guided tours.

Division of Interpretation  
Mammoth Cave National Park  
Mammoth Cave, KY 42259  
(502) 758-2251

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Laura Lang, Project WILD Coordinator  
Kentucky Department of Fish and Wildlife Resources, D.N.R.  
#1 Game Farm Road  
Frankfort, KY 40601  
(502) 564-4762/Fax: (502) 564-6508

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Margaret Whittet, Commissioner  
Department of Employment Services  
Kentucky Cabinet for Human Resources  
275 East Main Street, Two-West  
Frankfort, KY 40621  
(502) 564-5331/Fax: (502) 564-7452

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Michael Rowland  
Shawnee Aviation High School  
4018 West Market Street  
Louisville, KY 40212  
(502) 473-8689

## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-

paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3313

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center  
NASA Teacher Resource Center  
600 Settler's Landing Road  
Hampton, VA 23669-4033  
(804) 727-0900, ext. 757

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Murray State University  
NASA Regional Teacher Resource Center  
Waterfield Library  
Murray, KY 42071-0009  
(502) 762-2850

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Kentucky Space Grant Consortium  
Western Kentucky University  
Department of Physics and Astronomy  
Bowling Green, KY 42101-3576  
(502) 745-4156

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Kentucky's Statewide Systemic Initiatives Program works in conjunction with the Department of Education and the Kentucky Science and Technology Council, Inc., to help students acquire conceptual knowledge, process and thinking skills, and scientific habits. Increasing the number of students who enter science- and technology-related careers is also a major concern.

Michael Howard  
PRISM Project Director  
Kentucky Science and Technology Council, Inc.  
P.O. Box 1049  
Lexington, KY 40588-1049  
(606) 233-3502/Fax: (606) 259-0986



# Tennessee

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Ben T. Powell  
Professor and 4-H Club Leader  
University of Tennessee  
4-H Club Department  
P.O. Box 1071  
Knoxville, TN 37901-1071  
(617) 974-7434

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Bobby Beets  
Tennessee Farm Bureau  
P.O. Box 313  
Columbia, TN 38402-0313  
(615) 388-7872/Fax: (615) 388-5818

## Department of Education (ED)

### Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0489  
(800) 624-9120

### Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Regional Consortium for Mathematics  
and Science Education at AEL  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-1888  
(800) 624-9120

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Barbara Adkisson  
Director, Developmental Programs  
Eisenhower Professional Development Program  
Tennessee Department of Education  
Gateway Plaza, 8th Floor  
710 James Robertson Parkway  
Nashville, TN 37243-0379  
(615) 532-6247/Fax: (615) 532-8536

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Mattielyn B. Williams, Director  
Legal and Educational Services  
Eisenhower Professional Development Program  
Tennessee Higher Education Commission  
404 James Robertson Parkway, Suite 1900  
Nashville, TN 37243-0830  
(615) 532-8017

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **Department of Energy (DOE)**

### **Oak Ridge Institute for Science and Education**

In addition to school partnership programs, the Oak Ridge Institute For Science and Education provides student internship opportunities, research participation, teacher workshops, and summer programs for students.

Wayne Stevenson  
Assistant Director  
Oak Ridge Institute for Science and Education  
Science/Engineering Education Division  
P.O. Box 117  
Oak Ridge, TN 37831-0117  
(423) 576-3283/Fax: (423) 241-5219  
E-mail: stevensw@ornl.gov

### **Oak Ridge National Laboratory**

Oak Ridge National Laboratory offers student science enrichment and teacher professional development both onsite and in schools, with a special focus on computer networking and communications.

Linda Cain, Director  
Oak Ridge National Laboratory  
Office of Science Education and External Relations  
105 Mitchell Road, Mailstop 6496, P.O. Box 2008  
Oak Ridge, TN 37831-6496  
(423) 576-3886/Fax: (423) 241-6776  
E-mail: 9lc@ornl.gov

## **Oak Ridge Operations Office**

The Oak Ridge Operations Office provides outreach programs to local precollege schools, conducts environmental education activities, and provides information about regional programs.

Greg Mills, Education Coordinator  
DOE Oak Ridge Operations Office  
ORNL Site Office, ER-111  
Oak Ridge National Laboratory  
Building 4500 North, MS 6269  
P.O. Box 2008  
Oak Ridge, TN 37831  
(423) 576-0951/Fax: (423) 574-9275  
E-mail: millsga@ornl.gov

## **Department of the Interior (DOI)**

### **Big South Fork National River**

Programs at the Big South Fork National River include guided nature walks, environmental camps for high school students, and teacher workshops.

Division of Interpretation  
Big South Fork National River  
Route 3, Box 401  
Oneida, TN 37841  
(615) 879-4890

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Great Smoky Mountains National Park**

Guided walks, lectures, and other activities offered by the Great Smoky Mountains National Park promote environmental education.

Division of Interpretation  
Great Smoky Mountains National Park  
Gatlinburg, TN 37738  
(615) 436-1200

## Obed Wild and Scenic River

At Obed Wild and Scenic River programs include guided nature tours and other environmental education activities.

Division of Interpretation  
Obed Wild and Scenic River  
Wartburg, TN 37887  
(615) 346-6294

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Karen Hanna, Project WILD Coordinator  
Tennessee Department of Education  
Gateway Plaza, 8th Floor  
710 James Robertson Parkway  
Nashville, TN 37243-0379  
(615) 532-6249/Fax: (615) 741-6236

Deborah Patton, Project WILD Coordinator  
Tennessee Wildlife Resources  
P.O. Box 40747  
Nashville, TN 37204  
(615) 781-6500/Fax: (615) 741-4606

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James R. White, Commissioner  
Tennessee Department of Labor  
501 Union Building  
Nashville, TN 37219  
(615) 741-2582/Fax: (615) 741-5078

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepares them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA educational materials and resources. The Resource Centers maintain and provide quantities of printed

materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Wallace R. Maples, Chairman  
Aviation Education Resource Center  
Middle Tennessee State University  
Aerospace Department  
East Main Street, P.O. Box 67 MTSU  
Murfreesboro, TN 37132  
(615) 898-2788

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

#### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth

organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director  
Education Programs Office  
Mail Code CL01  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 544-8800

#### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
 NASA Teacher Resource Center for  
 Marshall Space Flight Center  
 P.O. Box 070015  
 Huntsville, AL 35807-7015  
 (205) 544-5812

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Tennessee at Martin  
 NASA Regional Teacher Resource Center  
 Center for Excellence in Mathematics and Science  
 Martin, TN 38238-5029  
 (901) 587-7191/7166

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Tennessee Space Grant Consortium  
 Vanderbilt University  
 Department of Mechanical Engineering  
 Box 1617, Station B  
 Nashville, TN 37235  
 (615) 322-2764

## **Virginia**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at

land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. J. David Barrett  
 Assistant Director, 4-H Youth  
 VPI and State University  
 107 Hutcheson Hall  
 Blacksburg, VA 24061-0419  
 (703) 231-6371

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Michele Awad  
 Virginia Farm Bureau Federation  
 P.O. Box 27552  
 Richmond, VA 23261

### **Youth Enrichment Program**

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager  
 U.S. Department of Agriculture  
 Cooperative State Research, Education,  
 and Extension Service  
 Room 3345-S  
 14th Street and Independence Avenue SW  
 Washington, DC 20250-2200  
 (202) 720-3511

### **Department of Commerce (DOC)**

#### **Chesapeake Bay National Estuarine Research Reserve**

Estuarine ecology programs are offered for all grade levels at the Chesapeake Bay National Estuarine Research Reserve. Reservations are required.



David Niebuhr, Education Coordinator  
Chesapeake Bay National Estuarine  
Research Reserve  
Virginia Institute of Marine Science  
Route 1308, P.O. Box 1346  
Gloucester Point, VA 23062  
(804) 642-7135/Fax: (804) 642-7120

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

## **Department of Defense (DoD)**

### **Naval Base, Norfolk**

The Naval Base in Norfolk participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Virginia (excluding National Capital Region), West Virginia, Maryland, Delaware, and Pennsylvania.

COMNAVBASE, Norfolk VA  
Commander  
Naval Base Norfolk  
1530 Gilbert Street, Suite 200  
Code N1P  
Norfolk, VA 23511-2797  
(804) 322-2826

### **Science and Engineering Apprentice Program**

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. The following are participating organizations in the State of Virginia:

Michael Antos  
Naval Surface Warfare Center (NSWC-D)  
Code P30, Route 206  
Dahlgren, VA 22448  
(540) 653-8701

Dr. John Cline  
Army Research Laboratory Vehicle Structures  
Directorate (AVSD)  
NASA Langley Research Center  
Hampton, VA 23681  
(804) 864-3966

The following participating organizations are also located in Virginia: Army Research Institute (ARI), Alexandria, Virginia; Army Test, Measurement and Diagnostic Equipment Activity (TMDE-V), Ft. Belvoir, Virginia; Night Vision and Electronic Sensors Directorate (NVESD), Ft. Belvoir, Virginia; and Topographic Engineering Center (TEC), Ft. Belvoir, Virginia. For information on their programs, contact the following.

Marilyn Krupsaw  
GWU/SEAS  
Science and Engineering Apprentice Program  
707 22nd Street NW  
Washington, DC 20052  
(202) 994-2234

## **Department of Education (ED)**

### **Appalachia Educational Laboratory, Inc. (AEL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0489  
(800) 624-9120

### **Eisenhower Regional Consortium for Mathematics and Science Education at AEL**

The Eisenhower Regional Consortium provides information and technical assistance to help States and

school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Regional Consortium for Mathematics  
and Science Education at AEL  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-1888  
(800) 624-9120

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Carol L. Rezba  
Eisenhower Professional Development Program  
Virginia Department of Education  
P.O. Box 2120  
Richmond, VA 23218-2120  
(804) 225-2676/Fax: (804) 786-1703

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Verna L. Holoman  
Eisenhower Professional Development Program  
State Council of Higher Education for Virginia  
101 North 14th Street  
James Monroe Building, 9th Floor  
Richmond, VA 23219-3684  
(804) 225-2636/Fax: (804) 225-2604

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **Department of Energy (DOE)**

### **Continuous Electron Beam Accelerator Facility (CEBAF)**

In addition to school-year programs to motivate students and summer programs to enhance teacher skills, CEBAF—a Department of Energy physics research lab—shares curriculum materials, loans videotapes, and partners with the State and school districts to promote systemic improvement in precollege mathematics and science education.

Dr. Beverly K. Hartline, Associate Director  
Continuous Electron Beam Accelerator Facility  
12000 Jefferson Avenue  
Newport News, VA 23606  
(804) 249-7567/Fax: (804) 249-5065  
E-mail: hartline@cebaf.gov

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Chincoteague National Wildlife Refuge**

Programs at the Chincoteague National Wildlife Refuge include guided walks, environmental education activities, and teacher workshops. Teachers participating in the workshops receive teacher guides.

Outdoor Recreation Planner  
Chincoteague National Wildlife Refuge  
Maddox Boulevard, Box 62  
Chincoteague, VA 23336  
(804) 336-6122/Fax: (804) 336-5273

### **Earth Science Information Center, Reston**

The Reston Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Reston Earth Science Information Center  
507 National Center  
Reston, VA 22092  
(703) 648-6045/Fax: (703) 648-5548  
TDD: (703) 648-4119  
(800) USA-MAPS

### **Mason Neck National Wildlife Refuge**

Mason Neck National Wildlife Refuge offers environmental education workshops for teachers on- and offsite.

Outdoor Recreation Planner  
Mason Neck National Wildlife Refuge  
14416 Jefferson Davis Highway, Suite 20A  
Woodbridge, VA 22191  
(703) 690-1297/Fax: (703) 690-8495

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine  
Minerals  
Minerals Management Service  
381 Eldon Street, MS 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental  
Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington DC 20240  
(202) 208-3985/Fax: (202) 208-6198

### **Prince William Forest Park**

Prince William Forest Park offers a variety of environmental education programs, nature walks, and curriculum materials. Teacher workshops and guidebooks are also available.

Division of Interpretation  
Prince William Forest Park  
P.O. Box 209  
Triangle, VA 22172  
(703) 221-4706

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Suzie Gilley, Project WILD Coordinator  
Virginia Department of Game and Inland Fisheries  
4010 West Broad, P.O. Box 11104  
Richmond, VA 23230  
(804) 367-0188/Fax: (804) 367-9147

### **Shenandoah National Park**

Spring and fall workshops offered by the Shenandoah National Park educate teachers about the park. Environmental education programs for students are primarily for 3rd and 5th graders. Guided walks are available upon request.

Division of Interpretation  
Shenandoah National Park  
Route 4, Box 348  
Luray, VA 22835  
(703) 999-2243

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dr. James E. Price, Executive Director  
Governor's Employment and Training Department  
The Commonwealth Building  
4615 West Broad Street, Third Floor  
Richmond, VA 23230  
(804) 367-9803/Fax: (804) 367-6172

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Betty P. Wilson  
Aviation Education Resource Center  
Virginia Aviation Museum  
5701 Huntsman Road  
Sandston, VA 23150-1946  
(804) 225-3783

### National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Keith Koehler  
Public Affairs Office  
Wallops Flight Facility  
Wallops Island, VA 23337  
(804) 824-1579

Marchelle Canright  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3313

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Wallops Flight Facility  
NASA Education Complex-Visitor Center  
Building J-17  
Wallops Island, VA 23337-5099  
(804) 824-2297/2298

Virginia Air and Space Center  
NASA Teacher Resource Center  
600 Settler's Landing Road  
Hampton, VA 23669-4033  
(804) 727-0900, ext. 757



## **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Radford University  
NASA Regional Teacher Resource Center  
Walker Hall, P.O. Box 6999  
Radford, VA 24142  
(703) 831-6284

## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Virginia Space Grant Consortium  
2713-D Magruder Boulevard  
Hampton, VA 23666  
(804) 865-0726

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

The focus for Virginia's Statewide Systemic Initiatives Program is K-8 education. The project includes a lead-teacher initiative, new preservice and inservice models, instructional materials and assessment reform, a leadership component for administrators, a community action campaign, and mathematics and science education supported through the State's telecommunications system.

Joseph Exline  
Virginia Department of Education  
101 North 14th Street, James Monroe Building  
Richmond, VA 23219  
(804) 225-2876/Fax: (804) 371-0249

# **West Virginia**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Mary McPhall Gray, Division Leader  
Family and Youth Program  
West Virginia University  
619 Knapp Hall, P.O. Box 6031  
Morgantown, WV 26506-6031  
(304) 293-2694

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

William Aiken  
West Virginia Farm Bureau  
1 Red Rock Road  
Buckhannon, WV 26201  
(304) 472-2080/Fax: (304) 472-6554

### **Youth Enrichment Program**

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service  
Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

## Department of Education (ED)

### Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director  
Appalachia Educational Laboratory, Inc.  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-0489  
(800) 624-9120

### Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director  
Eisenhower Regional Consortium for Mathematics and Science Education at AEL  
1031 Quarrier Street, P.O. Box 1348  
Charleston, WV 25325  
(304) 347-0400/Fax: (304) 347-1888  
(800) 624-9120

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

David M. Porterfield  
Eisenhower Professional Development Program  
West Virginia Department of Education  
1900 Kanawha Boulevard E, Room B-252  
Charleston, WV 25305  
(304) 558-7805/Fax: (304) 558-0048

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher

enhancement through both inservice and preservice programs.

Dr. Donald C. Darnton  
Eisenhower Professional Development Program  
West Virginia State College  
Department of Business  
Institute, WV 25112  
(304) 766-3094/3192/Fax: (304) 768-9842

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## Department of Energy (DOE)

### Morgantown Energy Technology Center

In addition to guided tours and field trips, the Morgantown Energy Technology Center manages teacher workshops and a speakers bureau, loans instructional materials to Teacher Research Associates Program participants and local educators, and sponsors a regional Science Bowl.

Larry Headley  
Morgantown Energy Technology Center  
P.O. Box 880  
Morgantown, WV 26507-0880  
(304) 285-4314/Fax: (304) 285-4292  
E-mail: lheadl@metc.doe.gov

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **New River Gorge National River**

New River Gorge National River programs include guided walks and lectures on the river's history, geology, and ecology. A teacher's guide is available.

Division of Interpretation  
New River Gorge National River  
P.O. Box 246  
Glen Jean, WV 25846  
(304) 465-0508

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Art Shomo, Project WILD Coordinator  
Division of Natural Resources  
1900 Kanawha Boulevard, East  
Charleston, WV 25305  
(304) 558-2771/Fax: (304) 558-3147

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Andrew N. Richardson, Commissioner  
West Virginia Bureau of Employment Programs  
Job Training Programs Division  
2112 California Avenue, Room 610  
Charleston, WV 25305-0112  
(304) 558-2630/Fax: (304) 558-2992

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Ronald Ohl, President  
Aviation Education Resource Center  
Salem-Teikyo University  
223 West Main Street  
Salem, WV 26426  
(304) 782-5234

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on

environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3313

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center  
NASA Teacher Resource Center  
600 Settler's Landing Road  
Hampton, VA 23669-4033  
(804) 727-0900, ext. 757

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Wheeling Jesuit College  
NASA Regional Teacher Resource Center  
316 Washington Avenue  
Wheeling, WV 26003  
(304) 243-2388

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

West Virginia Space Grant Consortium  
West Virginia University, Evansdale Campus  
Engineering Research Building, Room 108A  
Morgantown, WV 26506-6101  
(304) 293-4099

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# FarWest

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**Areas Served:**  
**Arizona, California,**  
**Nevada, and Utah**





# WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The WestEd Eisenhower Regional Consortium for Science and Mathematics Education (WERC), a program of the WestEd Regional Educational Laboratory, is 1 of 10 Regional Consortia that came into existence on October 1, 1992, as a result of acts of Congress and the U.S. Department of Education. WERC is a member of the National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education. The mission of this network is to serve as a coordinated field-based national infrastructure for systemic development and dissemination, with an emphasis on underserved and underrepresented populations.

Each of the 10 regional consortia serves the States within its geographical region to promote systemic reform in science and mathematics education. Systemic reform aims to simultaneously address the various factors that contribute to the current condition of science and mathematics education. On a State level, this includes curriculum frameworks, grade-level assessments, and teacher preservice and inservice programs. WestEd works with States to help align curriculum frameworks with world-class standards, and to match statewide assessment methods with these standards and reform frameworks.

WERC is working with the different State departments of education to identify key issues in each of its four States. In Arizona, Consortium staff have worked with the Arizona Department of Education to develop a curriculum alignment program to assist schools in creating a district curriculum and District Assessment Plans for mathematics and science that are aligned to the Arizona Essential Skills in those subjects. Consortium staff also helped design and implement the summer Arizona Academy for Systemic Reform of Mathematics and Science and the subsequent Journey Schools Program. WERC staff

also provide technical assistance to Arizona systemic reform efforts such as the Phoenix area Urban Systemic Initiative and the Arizona Coalition members of the area's UCAN Rural Systemic Initiative. The technical assistance for the Urban Systemic Initiative has had a focus on Teacher Action Research projects.

In Nevada, work at the State level has focused on building an electronic network called the Nevada Public School Network. This telecommunications network enables K-12 teachers to directly access the Internet. WestEd has provided necessary funds for the distributed file servers needed to operate the network and facilitate the organization and functioning of a statewide task force to make and implement both short-term and long-term plans. Currently, WERC efforts in Nevada are focusing on the development of a new Nevada Science Framework that embodies content and performance standards. In addition, WERC staff provide technical assistance in a variety of professional development settings supporting mathematics and science education.

Work in Utah focuses on revising and implementing the science framework. Revision of the core curriculum initially focused on K-6 and expanded to grades 7-12. WERC participated in writing and revising the new core, integrating authentic assessment instruments aligned with the core content and philosophy, piloting the use of the core in selected schools, and disseminating the revised core to a much wider audience in Utah. After the Utah Board of Education adopted both revised cores, efforts have focused on supporting the professional development to assist teachers and schools in implementing the new ways of teaching science at the elementary and secondary levels. A key philosophical underpinning of the science core revisions is a departure from instruction based on isolated facts towards an integrated instructional program that highlights the processes of

science and the big ideas in science and their connections. The revised secondary science core includes a new ninth grade Earth Systems Science course. WERC staff are assisting Utah educators in developing helpful resources for teachers and students, especially a site on the World Wide Web specifically geared to supporting this course.

California is the only State in WestEd's region that has received funding from the National Science Foundation's Statewide Systemic Initiative (SSI). WERC collaborates with the State's SSI to help coordinate science education efforts throughout the State. Together they have established the California Science Education Advisory Committee (CSEAC). CSEAC is currently leading the effort to develop California Challenge Science Education Standards. This statewide effort utilizes electronic communications to assist in the development, review and dissemination of the new standards. Another major CSEAC initiative is focusing on the implementation of science performance assessments statewide. In the spring of 1996, more than 20,000 students engaged in performance tasks as part of this initiative.

The Science Education Academy of the Bay Area (SEABA), provides an example of the networking and collaboration model for enhanced systemic reform. Charter members of SEABA include 10 county offices of education, four University of California campuses, the Lawrence Hall of Science, four California State University (CSU) campuses, WestEd, the California Department of Education, the Exploratorium, the California Academy of Sciences, Public Broadcasting Station KQED, and four U.S. Department of Energy laboratories. A SEABA goal from its inception has been the production and dissemination of a "one-stop shopping catalog" of greater Bay Area programs and resources. This electronic catalog provides accurate up-to-date information about science education resources and continuing education opportunities available to educators in the greater Bay Area. Teachers and resource providers can search the catalog by organization name, subject area, type of activity, date range, geographic location, and other search criteria. A companion journal, printed in magazine format, provides teachers with an overview of Bay Area professional development activities, highlights selected SEABA activities, encourages teachers to continue their education in science, and helps them use the electronic catalog.

As the Consortium has set up operations and become an accepted and valued player in all four States, one role for the Consortium has consistently emerged. This Consortium is perhaps the only group whose funding and task descriptions are consistent with a sustained effort to gather information about the large number of currently existing programs, catalog this information in ways that would be useful for a wide variety of audiences, and then actively disseminate the information about resources and programs that are available in each State. This is a vital process, and the Consortium has developed a database, which currently contains more than 2,500 records.

The Regional Consortia have a special role in identifying and disseminating exemplary curricular materials, teaching methods, teacher training programs, and assessment tools. WERC helps identify exemplary materials developed within its region to be disseminated by the Consortium and by the Eisenhower National Clearinghouse. In addition, WERC plays a central role in the dissemination of information from the Clearinghouse to schools and teachers in its four States. As a first step in disseminating Clearinghouse products, WERC, in collaboration with ENC, has set up a Demonstration Site in the California Academy of Sciences located in San Francisco's Golden Gate Park.

At the local level, the Consortium provides technical assistance that teaches classroom teachers, administrators, and other educators to adapt and use exemplary instructional materials, teaching methods, curricula, and assessment tools. Since the WestEd Eisenhower Regional Consortium has a limited budget to serve a very large area in terms of both population and geography, it is focusing its training efforts on working with existing staff development networks. The Consortium's training and information services aim to facilitate the efforts of the many agencies that themselves reach out into all the schools in the region.

WestEd provides significant resources and assistance with respect to the uses of technology to support improvements in mathematics and science education. The development, printing, and distribution of the acclaimed book *Tales from the Electronic Frontier* illustrates WERC's approach to the uses of technology to support education reform. *Tales* features nine stories of how practicing teachers use the Internet for the active learning of mathematics and science. Each

story raises challenging issues that arise in instructional settings. In addition, *Tales* provides valuable resources, tips and ideas to help both the Internet novice and those who have more experience.

The WestEd Governing Board oversees the activities of the WestEd Eisenhower Regional Consortium. The Governing Board has 33 active members from all 4 States, including Chief State School Officers; local school administrators; representatives from higher education; county superintendents of schools; representatives from State offices of education; representatives from private schools; and members of the business community.

Dr. Art Sussman, WERC Co-Director  
Dr. Steve Schneider, WERC Co-Director  
Dr. Tania Madfes, Director, Science Education  
Academy of the Bay Area  
Dr. Sharon Nelson-Barber, Equity, Evaluation  
Specialist  
Ann Muench, Mathematics Specialist  
Richard Wenn, Communications Specialist  
Jerome Shaw, Science Specialist  
Libby Rognier, Research Associate  
Mayumi Shinohara, Research Associate  
Kirsten Daehler, Research Associate  
Roberto Carlos, Research Assistant  
Kristin Hershbell, Research Assistant  
Sally King, Administrative Assistant

WestEd Eisenhower Regional Consortium  
for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 241-2731/Fax: (415) 241-2746  
WWW: <<http://www.fwl.org/fwerc/>>

# Arizona

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. William Peterson, Assistant Director  
Arizona 4-H Youth Development  
University of Arizona  
Forbes 301  
Tucson, AZ 85719  
(602) 621-7205

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Deborah Flowers  
3401 East Elwood Street  
Phoenix, AZ 85040-1625  
(602) 470-0088/Fax: (602) 470-0178

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Stephen H. Merrill, State Coordinator  
Eisenhower Professional Development Program  
Arizona Department of Education  
1535 West Jefferson Street  
Phoenix, AZ 85007  
(602) 542-2147/Fax: (602) 542-3100

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Paul Tweeten  
Eisenhower Professional Development Program  
Arizona Board of Regents  
2020 North Central Avenue, Suite 230  
Phoenix, AZ 85004  
(520) 229-2961/Fax: (520) 523-7953

### Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational Research  
and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in  
Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocapi@csulb.edu

## **WestEd Eisenhower Regional Consortium for Science and Mathematics Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
WestEd Eisenhower Regional Consortium  
for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

## **Department of Energy (DOE)**

### **Western Area Power Administration (WAPA)**

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Glenda Dunshee  
Western Area Power Administration-Phoenix  
P.O. Box 6457  
615 South 43rd Avenue  
Phoenix, AZ 85005  
(602) 352-2770/Fax: (602) 352-2630

## **Department of the Interior (DOI)**

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office participates in the Color Country Nature Camp Program for students and provides information about educational programs, materials, and local land-management issues. Information is also available on facilities, such as the Dankworth Pond Outdoor Learning Center and the San Pedro Riparian National Conservation Area.

Rem Hawes, Education Coordinator  
Office of External Affairs  
Bureau of Land Management  
3707 North Seventh Street  
P.O. Box 16563  
Phoenix, AZ 85011  
(602) 650-0404

### **Glen Canyon Dam Visitor Center**

Guided and self-guided tours of the Glen Canyon Dam are available to school groups. Brochures in Braille and headphones are also available for individuals who are visually impaired.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Hoover Dam Exhibit Building**

In addition to tours of the Hoover Dam, the exhibit building houses interpretive exhibits about the environment.

Public Affairs Office  
Hoover Dam LCD-140  
P.O. Box 427  
Boulder City, NV 89005  
(702) 293-8419

### **Imperial National Wildlife Refuge**

The Imperial National Wildlife Refuge offers a variety of outreach and onsite environmental education activities for students of all ages.

Imperial National Wildlife Refuge  
P.O. Box 72217  
Martinez Lake, AZ 85365  
(602) 783-3371/Fax: (602) 783-0652

### **Lake Mead National Recreation Area**

Environmental educational programs are offered for grades 1-6. Pre- and post-visit curriculum materials are provided.



Division of Interpretation  
Lake Mead National Recreation Area  
601 Nevada Highway  
Boulder City, NV 89005  
(702) 293-8920

### **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Larry Sullivan, Associate Director  
Water Resources Research Center  
350 North Campbell Avenue  
Tucson, AZ 85721  
(602) 792-9591

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Project Wild Coordinator  
Arizona Game and Fish Department  
2221 West Greenway  
Phoenix, AZ 85023  
(602) 789-3238/Fax: (602) 789-3920

### **Saguaro National Monument**

Courses in anthropology and natural history are available during the school year, as are guided tours and walks at the Saguaro National Monument.

Division of Interpretation  
Saguaro National Monument  
3693 South Old Spanish Trail  
Tucson, AZ 85730  
(602) 670-6680

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James B. Griffith, Acting Assistant Director  
Division of Employment and Rehabilitation Services  
1789 West Jefferson  
P.O. Box 6123, Suite 901A  
Phoenix, AZ 85005  
(602) 542-4910/Fax: (602) 542-2273

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.



Sandi Couverley, AWP-17F  
 FAA Aviation Education Representative  
 P.O. Box 92007  
 Worldway Postal Center  
 Los Angeles, CA 90009  
 (310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F  
 FAA Aviation Education Representative  
 P.O. Box 92007  
 Worldway Postal Center  
 Los Angeles, CA 90009  
 (310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Lew Davis, Program Manager  
 Aviation Education Resource Center  
 South Mountain High School  
 Center for Aerospace Education  
 5401 South Seventh Street  
 Phoenix, AZ 85040  
 (602) 271-3439

Tony Gulielmino  
 Aviation Department Chair  
 Aviation Education Resource Center  
 Pima Community College  
 1668 South Research Loop Road  
 Tucson, AZ 85730  
 (602) 884-6186

Karen Hudson  
 Educational Programs Coordinator  
 Aviation Education Resource Center  
 Embry-Riddle Aeronautical University  
 3200 North Willow Creek Road  
 Prescott, AZ 86301  
 (602) 771-6673

Gilbert McLaughlin  
 Flandrau Science Center  
 University of Arizona  
 Tucson, AZ 85721  
 (602) 621-4515

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F  
 FAA Aviation Education Representative  
 P.O. Box 92007  
 Worldway Postal Center  
 Los Angeles, CA 90009  
 (310) 297-0556/Fax: (310) 297-0706

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 75 Hawthorne Street  
 San Francisco, CA 94105  
 (415) 744-1581/Fax: (415) 744-1605

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

## **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

## **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Lunar and Planetary Laboratory  
NASA Regional Teacher Resource Center  
University of Arizona  
Tucson, AZ 85721-0001  
(520) 621-6939/6947

## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Arizona Space Grant Consortium  
University of Arizona  
Lunar and Planetary Lab, Room 333  
Tucson, AZ 85721  
(602) 621-8556

# California

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Kenneth R. Farrell, Vice President  
300 Lakeside Drive, Sixth Floor  
University of California  
Oakland, CA 94612-3560  
(510) 987-0600

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Mark Linder  
California Foundation for Ag in the Classroom  
1601 Exposition Boulevard, FB 16  
Sacramento, CA 95815  
(916) 924-4380/Fax: (916) 923-5318

## Department of Commerce (DOC)

### Channel Islands National Marine Sanctuary

The Channel Islands National Marine Sanctuary offers a science education program for 5th-grade students only in the Santa Barbara school system, and a variety of educational materials. In-school presentations may also be arranged.

Laura Gorudezky, Education Coordinator  
Channel Islands National Marine Sanctuary  
113 Harbor Way  
Santa Barbara, CA 93109  
(805) 966-7107/Fax: (805) 568-1582

### Elkhorn Slough National Estuarine Research Reserve

The Elkhorn Slough National Estuarine Research Reserve offers teacher workshops, teacher guided tours, and curriculum materials.

Becky Christensen, Education Coordinator  
Elkhorn Slough National Estuarine Research Reserve  
1700 Elkhorn Road  
Watsonville, CA 95076  
(408) 728-0506/Fax: (408) 728-1056

### Gulf of the Farallones National Marine Sanctuary

The Gulf of the Farallones National Marine Sanctuary offers annual science workshops for teachers. The Whale Bus, a traveling exhibit, offers hands-on activities and visits schools upon request.

Edward Weber, Manager  
Gulf of the Farallones National Marine Sanctuary  
Fort Mason Building, Room 201  
San Francisco, CA 94123  
(415) 556-3509/Fax: (415) 556-1419

### Monterey Bay National Marine Sanctuary

The recently designated Monterey Bay National Marine Sanctuary will create education programs in the coming year.

Liz Love, Education Coordinator  
Monterey Bay National Marine Sanctuary  
299 Foam Street, Suite D  
Monterey, CA 93940  
(408) 647-4201/Fax: (408) 647-4250

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger  
Washington Sea Grant  
University of Washington, HG-3  
3716 Brooklyn Avenue NE  
Seattle, WA 98105-6716  
(206) 543-6600/Fax: (206) 685-0380

### **Southwest Fisheries Science Center**

The Southwest Fisheries Science Center has teaching aids and kits available for classroom use.

Susan E. Smith  
National Marine Fisheries Service  
National Oceanic and Atmospheric Administration  
Southwest Fisheries Science Center  
8604 La Jolla Shores Drive, P.O. Box 271  
La Jolla, CA 92038  
(619) 546-7070 or (908) 872-3088

### **Tijuana River National Estuarine Research Reserve**

The Tijuana River National Estuarine Research Reserve offers teacher training courses and student programs, which include nature walks and classes.

Gail Sevrens  
Education Assistant Coordinator  
Tijuana River National Estuarine Research Reserve  
301 Caspian Way  
Imperial Beach, CA 91932  
(619) 575-3613/Fax: (619) 575-6913

## **Department of Defense (DoD)**

### **Civil Engineer Corps–Seabee Museum**

Designed to highlight the importance of engineering in the Naval forces, the Seabee Museum exhibits the history and technology of various projects of the Civil Engineer Corps. Tours are available upon request.

Civil Engineer Corps–Seabee Museum  
Naval Construction Battalion Center  
1000 23rd Avenue  
Code 10H  
Port Hueneme, CA 93043-4301  
(805) 982-5611/Fax: (805) 982-5595

### **Naval Air Station, Lemoore**

The Naval Air Station at Lemoore participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the local area.

NAS, Lemoore CA  
Commander  
Naval Air Station Lemoore  
810 Avenger Avenue  
Code 013  
Lemoore, CA 93246-5037  
(209) 998-2137

### **Naval Air Station, Point Mugu**

The Naval Air Station at Point Mugu participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the local area.

NAVAIRWARCENWPNDIV, Point Mugu CA  
Commander  
Naval Air Warfare Center Weapons Division  
Point Mugu, CA 93042-5000  
(805) 989-3254

### **Naval Base, San Diego**

The Naval Base at San Diego participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Southern California, Arizona, Hawaii, and Nevada.

COMNAVBASE, San Diego CA  
Commander, Naval Base  
937 North Harbor Drive  
Code 012  
San Diego, CA 92132-5100  
(619) 532-1514

### **Naval Base, San Francisco**

The Naval Base at San Francisco participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Northern California.

COMNAVABASE, San Francisco CA  
Commander  
Naval Base Treasure Island  
410 Palm Avenue  
Code N-5  
San Francisco, CA 94130-0411  
(415) 395-3928

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Gayland Jordan  
Eisenhower Professional Development Program  
California Department of Education  
721 Capitol Mall, Third Floor  
Sacramento, CA 94244-2720  
(916) 657-4865/Fax: (916) 657-3467

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linda Barton White  
Eisenhower Professional Development Program  
California Postsecondary Education Commission  
1303 J Street, Suite 500  
Sacramento, CA 95814  
(916) 322-7984/Fax: (916) 327-4417

### Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

## Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

## WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
WestEd Eisenhower Regional Consortium for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

## Department of Energy (DOE)

### The Elk Hills Naval Petroleum Reserves in California

The Elk Hills Naval Petroleum Reserves in California is one of the Nation's leading producers of crude oil and California's largest producer of natural gas. In addition to daily operations, Elk Hills is committed to future generations, encouraging young people in Kern County to pursue careers in mathematics and science through active involvement in various education outreach programs. One of the largest and most visible programs is the annual Kern County Regional Science Bowl. In addition to the Science Bowl, the giant Elk Hills oil field also is the host to various other programs, including paid student summer internship programs; Earth Day elementary school



activities; environmental Pockets Educational Outreach Program; as well as various oil field tours and a 1-day shadowing program. Elk Hills also provides a large number of employees to judge at various school science fairs, including the Kern County Science Fair. The facility also supports the Mathematics, Engineering, and Science Achievement (MESA) program; the Science Olympics; career days; and Arco's Coles Levee Ecosystem Preserve educational program.

Todd G. Goode, Public Affairs  
Naval Petroleum Reserves in California  
P.O. Box 87  
Tupman, CA 93276  
(805) 763-6067

### **Lawrence Berkeley National Laboratory**

Lawrence Berkeley National Laboratory works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Research opportunities are available for local high school students, secondary teachers, and undergraduate students. Various outreach programs are also available.

Roland Otto, Director  
Lawrence Berkeley National Laboratory  
Center for Science and Engineering Research  
One Cyclotron Road, Building 938C  
Berkeley, CA 94720  
(510) 486-5325/Fax: (510) 486-6660  
E-mail: rjotto@lbl.gov

### **Lawrence Livermore National Laboratory (LLNL)**

At the Lawrence Livermore National Laboratory, the primary mission is "to provide the scientific and technological tools needed to meet critical national missions in the next 20 years." The Education Program is channeling the unique scientific and technical resources of the Laboratory to contribute to systemic improvement in science, mathematics, engineering, and technology education to ensure a highly skilled, diverse workforce and enhance scientific literacy. LLNL is helping to shape the Nation's workforce by partnering the Laboratory's rich scientific and technical base with the education community to introduce new approaches to teaching science and mathematics, integrate Laboratory core competencies and technology to enhance science education, enhance public

understanding and awareness of science and technology, and provide students and educators with opportunities to conduct research and earn advanced degrees.

Eileen S. Vergino  
Director, Education Program  
Lawrence Livermore National Laboratory  
Livermore, CA 94550  
(510) 422-3097/Fax: (510) 422-5761  
E-mail: verginoes@llnl.gov

### **Naval Petroleum Reserves**

The Naval Petroleum Reserves is responsible for managing, operating, maintaining, and producing the Naval Petroleum Reserves in California. The Reserves work to achieve the greatest value and benefits to the United States with consideration of the interests of the joint owners.

Todd Goode, Public Affairs Coordinator  
Naval Petroleum Reserves in California  
U.S. Department of Energy  
P.O. Box 87  
Tupman, CA 93276  
(805) 763-6067/Fax: (805) 763-6699

### **Sandia National Laboratory (California)**

Sandia National Laboratory (California) works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops and research apprenticeships, student internships, and numerous other programs are also managed through the Laboratory.

Karen P. Scott  
Education Outreach Program Manager  
Sandia National Laboratories/California  
7011 East Avenue, MS 9904  
P.O. Box 969  
Livermore, CA 94550  
(510) 294-3760/Fax: (510) 294-1526  
E-mail: KPScott@Sandia.gov

### **Stanford Linear Accelerator Center**

Stanford Linear Accelerator Center works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops are offered in the summer.



Helen Quinn, Education Officer  
Stanford Linear Accelerator Center  
P.O. Box 4349, Bin-81  
Stanford, CA 94309  
(415) 926-2525/Fax: (415) 926-4500  
E-mail: Quinn@slac.stanford.edu

Kathie Marsh  
Environmental Education Coordinator  
Denver Federal Center, D-500  
Building 67  
Denver, CO 80225  
(303) 236-9336, ext. 223/Fax: (303) 236-3573

### **Western Area Power Administration (WAPA)**

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Guy Nelson  
Western Area Power Administration-Sacramento  
114 Park Shore Drive  
Folsom, CA 95670-4710  
(916) 353-4435/Fax: (916) 985-1930  
E-mail: gnelson@wapa.gov

### **Department of the Interior (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs and materials. Information about local programs managed by district offices, such as the Hollister Resource Area Office, is also available.

Education Coordinator  
Bureau of Land Management  
2800 Cottage Way, E-2841  
Sacramento, CA 95825  
(916) 978-4746

#### **Bureau of Reclamation Environmental Education**

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

### **Channel Islands National Park**

The Channel Islands National Park offers environmental programs, including guided walks, lectures, a video, and teacher workshops.

Division of Interpretation  
Channel Islands National Park  
1901 Spinnaker Drive  
Ventura, CA 93001  
(805) 658-5700

### **Death Valley National Monument**

Death Valley National Monument offers environmental programs, including guided walks, lectures, and hands-on activities.

Division of Interpretation  
Death Valley National Monument  
Death Valley, CA 92328  
(619) 786-2331

### **Earth Science Information Center, Menlo Park**

The Menlo Park Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Menlo Park-ESIC  
Building 3, Room 3128, Mail Stop 532  
345 Middlefield Road  
Menlo Park, CA 94025-3591  
(415) 329-4309/Fax: (415) 329-5130  
TDD: (415) 329-5092  
(800) USA-MAPS

### **Folsom Dam**

Guided tours of Folsom Dam are provided by the Bureau of Reclamation.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4919

### **Golden Gate Recreation Area**

Golden Gate Recreation Area offers curriculum-based programs that are led by trained staff who stress outdoor activities. Teacher guides that detail pre- and post-visit activities are available for each program.

Division of Interpretation  
Golden Gate National Recreation Area  
Fort Mason, Building 201  
San Francisco, CA 94123  
(415) 556-2920

### **Joshua Tree National Monument**

Joshua Tree National Monument manages several ranger-led natural science oriented educational programs that are available both onsite and in the classroom.

Division of Interpretation  
Joshua Tree National Monument  
74485 National Monument Drive  
Twentynine Palms, CA 92277-3597  
(619) 367-7511

### **Lassen Volcanic National Park**

Lassen Volcanic National Park offers guided walks, lectures, a museum, and hands-on activities that focus on anthropological and geological aspects of the park. In-school presentations may be requested.

Division of Interpretation  
Lassen Volcanic National Park  
P.O. Box 100  
Mineral, CA 96063-0100  
(916) 595-4444

### **Lava Beds National Monument**

Programs include guided walks that focus on anthropological and geological aspects of the park.

Yvonne McMillan  
Interpretative Ranger  
Lava Beds National Monument  
P.O. Box 867  
Tulelake, CA 96134  
(916) 667-2282

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Pacific Outer Continental Shelf Region  
Minerals Management Service  
Education Coordinator  
770 Paseo Camarillo  
Camarillo, CA 93010  
(805) 389-7502/Fax: (805) 389-7505

Royalty Management Program  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, MS 500  
P.O. Box 25168  
Lakewood, CO 80225  
(303) 231-3162/Fax: (303) 231-3780

### **New Melones Lake Visitor Center**

The New Melones Lake Visitor Center offers an interpretive program. The program's focus is the historical and archaeological cultural resources at the New Melones Project.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4919

### **Point Reyes National Seashore**

Both the South and North Districts of the Point Reyes National Seashore offer environmental education programs for both teachers and students. The Clem Miller Environmental Education Center is available

to educators and students for a 5-day wilderness awareness program.

Education Programs  
Division of Interpretation  
Point Reyes National Seashore  
Point Reyes Station, CA 94956  
(415) 663-8522

### **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Rita Sudman  
Water Education Foundation  
717 K Street, Suite 517  
Sacramento, CA 95814  
(916) 444-6240

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Elena Tarailo, Project WILD Coordinator  
California Department of Fish and Game  
1416 Ninth Street  
Sacramento, CA 95814  
(916) 653-9843/Fax: (916) 653-1856

### **Redwood National Park**

Redwood National Park offers environmental education activities. Guided tours and lectures are also available.

Division of Interpretation  
Redwood National Park  
1111 Second Street  
Crescent City, CA 95531  
(707) 464-6101

### **San Francisco Bay National Wildlife Refuge**

An environmental education center in the San Francisco Bay National Wildlife Refuge offers extensive programs for students and teachers. Interpretive trails and other services are also available.

Public Use Manager  
San Francisco Bay National Wildlife Refuge  
P.O. Box 524  
Newark, CA 94560  
(510) 792-0222/Fax: (510) 792-5828

### **San Luis Reservoir Visitor Center**

The San Luis Reservoir Visitor Center offers interpretive tours and exhibits of this joint State-Federal reclamation project.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4919

### **Sequoia and Kings Canyon National Parks**

Sequoia and Kings Canyon National Parks offer guided tours, lectures, and environmental education activities, as well as in-class presentations.

Division of Interpretation  
Sequoia and Kings Canyon National Parks  
Three Rivers, CA 93271-9700  
(209) 565-3131

### **Shasta Dam Visitor Center**

The Shasta Dam Visitor Center offers tours and exhibits of the Dam's construction, the management of the Central Valley Project, and the area's fish and wildlife resources.

Public Affairs Office, Mid-Pacific Region  
Bureau of Reclamation  
Federal Office Building  
2800 Cottage Way  
Sacramento, CA 95825-1846  
(916) 978-4919

## **Yosemite National Park**

Yosemite National Park offers cultural history programs in the fall and natural history programs in the spring. Both programs provide hands-on activities as well as curriculum materials. Teachers may assist in curriculum development during the summer.

Yosemite also offers guided tours, lectures, and an extensive Junior Ranger Program.

Division of Interpretation  
Yosemite National Park  
P.O. Box 577  
Yosemite National Park, CA 95389  
(209) 372-0200

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Thomas Nagle, Director  
California Department of Employment  
Development  
800 Capitol Mall, MIC 83  
Sacramento, CA 95814  
(916) 654-8210/Fax: (916) 657-5294

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Toni Brown  
 Aviation Education Resource Center  
 Campbell County School District Media Services  
 525 West Lakeway Road  
 Gillette, WY 82718  
 (307) 682-3144

Nick Milichevich, Chairman  
 Aviation Education Resource Center  
 San Jose State University  
 Department of Aviation  
 1 Washington Square  
 San Jose, CA 95192-0081  
 (408) 924-6580

Harvey Ferer  
 Aviation Education Resource Center  
 Museum of Flying  
 2772 Donald Douglas Loop North  
 Santa Monica, CA 90405  
 (310) 392-8822

Rick Piercy, Coordinator  
 Aviation Education Resource Center  
 Apple Valley Science and Technology Center  
 P.O. Box 2968, 15552 Wichita  
 Apple Valley, CA 92307  
 (619) 242-3514

Mary Ann Liette, Coordinator of ERC  
 Aviation Education Resource Center  
 Riverside County Office of Education  
 3939 13th Street  
 Riverside, CA 92502-0868  
 (909) 788-6684

Karen Tozlian  
 Fresno Unified School District Instructional  
 Media Center  
 3132 East Fairmont  
 Fresno, CA 93725  
 (209) 441-3672

Nancy Harlan, Coordinator  
 Aviation Education Resource Center  
 San Bernardino County Superintendent of Schools  
 Instructional Services Division  
 601 North East Street  
 San Bernardino, CA 92410-3093  
 (714) 387-3152

## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F  
 FAA Aviation Education Representative  
 P.O. Box 92007  
 Worldway Postal Center  
 Los Angeles, CA 90009  
 (310) 297-0556/Fax: (310) 297-0706

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 75 Hawthorne Street  
 San Francisco, CA 94105  
 (415) 744-1581/Fax: (415) 744-1605

### The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Fred Shair, Manager  
Educational Affairs Office  
NASA Jet Propulsion Laboratory  
4800 Oak Grove Drive, Mail Code 183-900  
Pasadena, CA 91109  
(818) 354-8251

Eugene L. Duke  
Technology Commercialization Officer  
Public Affairs Office, Tri. 42  
NASA Dryden Flight Research Facility  
Edwards AFB, CA 93523-0273  
(805) 258-3802

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Edmond Burke, President  
Endeavor Center at Space Information  
Laboratories, Inc.  
NASA Teacher Resource Center  
Maple High School, Lompoc U.S.D.  
P.O. Box 5090  
Vandenberg AFB, CA 93437  
(805) 735-5131

NASA Dryden Flight Research Center  
Public Affairs Office, Tri. 42  
NASA Teacher Resource Center  
Edwards AFB, CA 93523-0273.  
(805) 258-3456

NASA Jet Propulsion Laboratory  
Teacher Resource Center  
JPL Teaching Resource Center  
4800 Oak Grove Drive, Mail Code CS-530  
Pasadena, CA 91109-8099  
(818) 354-6916

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

NASA San Joaquin Valley Regional  
Teacher Resource Center  
California State University at Fresno  
5005 North Maple Avenue, Mailstop 01  
Fresno, CA 93740-0001  
(209) 278-0355



## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

California Space Grant Consortium  
University of California at San Diego  
California Space Institute  
9500 Gilman Drive, Mail Code 0524  
LaJolla, CA 92093-0524  
(619) 534-5869

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

Bringing together top State leadership, California's Statewide Systemic Initiatives Program is addressing barriers to improving K-6 science education and middle school mathematics education, with an emphasis on the full participation of underrepresented groups. Other objectives include gaining public support, developing and promoting elementary science instruction, and making mathematics curriculum and instruction consistent with National Council of Teachers of Mathematics Standards.

Robert Polkinghorn  
Director, Academic Collaboration in Education  
300 Lakeside Drive, 18th Floor  
Oakland, CA 94612-3550  
(510) 987-9505/Fax: (510) 987-9612

# Nevada

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Janet Usinger-Lesquereux  
Assistant Director  
Statewide Administration Office  
Suite 201 ST&P Building  
935 East Sahara Avenue  
Las Vegas, NV 89104  
(702) 795-0767

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ben Damonte  
Nevada Ag in the Classroom Task Force  
1300 Marietta Way  
Sparks, NV 89431  
(702) 853-5696

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Holly Walton-Buchanan  
Eisenhower Professional Development Program  
Nevada Department of Education  
Capitol Complex  
Carson City, NV 89710  
(702) 687-3136/Fax: (702) 687-5660

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Mike Hardie  
Eisenhower Professional Development Program  
University and Community College System  
of Nevada  
2601 Enterprise Road  
Reno, NV 89512  
(702) 784-4022/Fax: (702) 784-1127

### **Far West Laboratory (FWL) for Educational Research and Development**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

### **WestEd Eisenhower Regional Consortium for Science and Mathematics Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
WestEd Eisenhower Regional Consortium for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

## **Department of Energy (DOE)**

### **Bechtel Nevada**

Bechtel Nevada offers college scholarships to selected science students and sponsors academic contests, outreach programs, science fairs, and a career day.

Dawn Merritt, Communications Manager  
Bechtel Nevada  
Office of Public and Employee Communications  
P.O. Box 98521, M/S-0039  
Las Vegas, NV 89193-8521  
(702) 295-5792/Fax: (702) 295-1859  
E-mail: meritdl@doe.nv.gov

### **Department of Energy Operations Office**

The Department of Energy Nevada Operations Office manages outreach programs and teacher training programs and provides information on regional programs.

Elizabeth H. Donnelly  
Community Services Specialist  
DOE Field Office, Nevada  
Public Affairs and Information Office  
P.O. Box 98518  
Las Vegas, NV 89193-8518  
(702) 295-1640/Fax: (702) 295-0154

## **Department of the Interior (DOI)**

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
850 Harvard Way, P.O. Box 12000  
Reno, NV 89520-0006  
(702) 785-6586

## **Bureau of Reclamation Environmental Education**

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K–12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh  
Environmental Education Coordinator  
Denver Federal Center, D-500  
Building 67  
Denver, CO 80225  
(303) 236-9336, ext. 223/Fax: (303) 236-3573

## **Great Basin National Park**

In addition to guided nature walks, Great Basin National Park offers a Junior Ranger Program that emphasizes ecology, conservation, and biology. Teacher workshops are available.

Division of Interpretation  
Great Basin National Park  
Baker, NV 89311  
(702) 234-7331

## **Lake Mead National Recreation Area**

Environmental educational programs are offered for grades 1–6. Pre- and post-visit curriculum materials are provided.

Division of Interpretation  
Lake Mead National Recreation Area  
601 Nevada Highway  
Boulder City, NV 89005  
(702) 293-8920

## **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K–12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Everett A. Jesse, Administrator  
Division of Water Planning  
Capitol Complex, 123 West Nye Lane  
Carson City, NV 89710  
(702) 687-3600

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K–12, are free to teachers who attend the training session.

Suzanne Sturtevant  
Project WILD Coordinator  
Division of Wildlife  
4747 West Vegas Drive  
Las Vegas, NV 89108  
(702) 486-5127/Fax: (702) 486-5133

Dave Sanger  
Project WILD Coordinator  
Division of Wildlife  
1100 Valley Road  
Reno, NV 89520  
(702) 688-1555/Fax: (702) 688-2939

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Barbara Weinberg, Executive Director  
Nevada State Job Training Office  
Capitol Complex, 400 West King  
Carson City, NV 89710  
(702) 687-4310/Fax: (702) 687-3957

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Frankie Lukasko  
Aviation Education Resource Center  
Galena High School Community Library  
3600 Butch Cassidy Way  
Reno, NV 89511  
(702) 851-5630

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
P.O. Box 92007  
Worldway Postal Center  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Environmental Protection Agency (EPA)**

#### **Environmental Monitoring Systems Laboratory**

The Nevada Environmental Monitoring Systems Laboratory has established a partnership with the local school district, which offers in-school presentations, demonstrations at the laboratory, and a science fair.

Mary Anne Carpenter  
Community Outreach Coordinator  
Environmental Monitoring Systems Laboratory  
P.O. Box 93478  
Las Vegas, NV 89193-3478  
(702) 798-2168

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Community College of Southern Nevada  
NASA/Nevada Regional Teacher Resource  
Center-C2A  
Learning Resource Center, Room 2100F  
3200 East Cheyenne Avenue  
North Las Vegas, NV 89030-4296  
(702) 651-4505

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nevada Space Grant Consortium  
Desert Research Institute  
755 East Flamingo Road, Room 285  
Las Vegas, NV 89132-0400  
(702) 895-0408

## **Utah**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Scott S. McKendrick  
State 4-H Program Leader  
Utah State University  
Logan, UT 84322-4900  
(801) 750-2203

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Debra Spielmaker  
Utah State University  
UMC 2315  
Logan, UT 84322-2315  
(801) 797-1657/Fax: (801) 538-7126

### **Department of Defense (DoD)**

#### **Hill Aerospace Museum**

The Hill Aerospace Museum exhibits the history and technology involved in both aeronautics and aerospace. Tours and pre-visit curriculum materials are available upon request.

Hill Aerospace Museum  
7961 Wardleigh Road  
75ABG/MU  
Hill Air Force Base, UT 84056-5842  
(801) 777-6868

### **Department of Education (ED)**

#### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Brett Moulding  
Eisenhower Professional Development Program  
Utah Department of Education  
250 East 500 South  
Salt Lake City, UT 84111  
(801) 538-7791/Fax: (801) 538-7769

#### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.



Dr. Phyliss Safman, Assistant Commissioner  
Eisenhower Professional Development Program  
Utah State Board of Regents  
Three Triad Center, Suite 550  
Salt Lake City, UT 84180-1205  
(801) 321-7101/Fax: (801) 321-7199

### **Far West Laboratory (FWL) for Educational Research and Development**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director  
Far West Laboratory for Educational Research and Development  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 565-3012

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

### **WestEd Eisenhower Regional Consortium for Science and Mathematics Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director  
WestEd Eisenhower Regional Consortium for Science and Mathematics Education  
730 Harrison Street  
San Francisco, CA 94107-1242  
(415) 565-3000/Fax: (415) 241-2746

## **Department of Energy (DOE)**

### **Western Area Power Administration (WAPA)**

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

David Howell  
Western Area Power Administration-Salt Lake City  
257 East 200 South, Suite 475  
Salt Lake City, UT 84111  
(801) 524-6024/Fax: (801) 524-5017

## **Department of the Interior (DOI)**

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office participates in several educational programs for students and also provides information about educational materials and local land-management issues.

Jeanne Moe, Archaeologist  
Bureau of Land Management  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
(801) 539-4060  
(800) 722-3988

### **Bureau of Reclamation Environmental Education**

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the

classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh  
Environmental Education Coordinator  
Denver Federal Center, D-500  
Building 67  
Denver, CO 80225  
(303) 236-9336, ext. 223/Fax: (303) 236-3573

### **Dinosaur National Monument**

The Dinosaur National Monument's onsite student programs and in-school presentations target primarily students in grades 3-6 to provide information on resource issues related to school curricula.

Division of Interpretation  
Dinosaur National Monument  
P.O. Box 128  
Jensen, UT 84035  
(801) 789-2115

### **Earth Science Information Center, Salt Lake City**

The Salt Lake City Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Salt Lake City ESIC  
2222 West 2300 S, 2nd Floor  
Salt Lake City, UT 84119  
(801) 975-3742/Fax: (801) 975-3740

### **Flaming Gorge Dam Visitor Center**

Located on the Green River, the Flaming Gorge Dam Visitor Center offers guided and self-guided tours. Brochures in Braille and headphones are provided for individuals who are visually impaired.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Jordanelle Reservoir Visitor Center**

The Jordanelle Reservoir Visitor Center offers interpretive programs and nature trails.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Virginia Jensen  
Department of Natural Resources  
Division of Water Resources  
1636 West North Temple, Suite 310  
Salt Lake City, UT 84116-3156  
(801) 538-7299

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Bob Ellis, Project WILD Coordinator  
Utah Division of Wildlife Resources  
1596 West North Temple  
Salt Lake City, UT 84116-3195  
(801) 538-4720/Fax: (801) 538-4709

### **Strawberry Reservoir Visitor Center**

Guided and self-guided nature trails are available at the Strawberry Reservoir Visitor Center.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

## **Zion National Park**

Zion National Park programs include guided nature walks within the Park that focus primarily on environmental education. A Junior Ranger Program is also available.

Division of Interpretation  
Zion National Park  
Springdale, UT 84767  
(801) 772-3256

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gregory B. Gardner, Director  
Office of Job Training for Economic Development  
324 South State Street, Suite 500  
Salt Lake City, UT 84114-7162  
(801) 538-8750/Fax: (801) 359-3928

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. P. R. "Ron" Smart, Director  
Aviation Education Resource Center  
Utah Valley State College  
Aviation Science Department  
800 West 1200 South  
Orem, UT 84058-5999  
(801) 222-8000, ext. 8436

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 8OEA  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group

project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
One Denver Place  
999 18th Street  
Denver, CO 80202-2405  
(303) 294-1113/Fax: (303) 294-7665

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

## **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Weber State University  
NASA Regional Teacher Resource Center  
Curriculum Library, College of Education  
Ogden, UT 84408-1302  
(801) 626-7614/6279

Utah State University  
College of Education  
NASA Regional Teacher Resource Center  
Logan, UT 84322-2845  
(801) 797-3377

## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rocky Mountain Space Grant Consortium  
Utah State University  
Department of Electrical Engineering  
USU/EL 302 UMC  
Logan, UT 84322-4436  
(801) 750-1592

# Mid-Atlantic

## Areas Served:

**Delaware,  
the District of Columbia,  
Maryland, New Jersey,  
and Pennsylvania**





# Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education

The Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium is designed to address the realizations that past mathematics and science reform efforts have been piecemeal and isolated events, and that a new systemic approach is needed if U.S. students, indeed, are to be first in the world in mathematics and science achievement.

The Consortium's primary mission—to support a systemic approach to mathematics and science education—has a number of dimensions, all of which deal with linkages, relationships, and coherence. These dimensions include assisting in the development of State curriculum frameworks that are linked to world-class standards on one hand, and to authentic assessment on the other hand. They also include making certain that coherent linkages exist among what is taught (curriculum), how it is taught (instruction), what resources are used to support teachers (exemplary materials), and how learning is recognized and acknowledged (performance assessment); building closer relationships between preservice teacher education programs (particularly for elementary school teachers where the needs for such training are most evident) and quality inservice/professional development programs; and establishing closer linkages between teacher certification and teacher recruitment and retention programs, particularly in high-need urban and rural schools. Further, they include enhancing the integration of mathematics and science, as well as the integration of mathematics and science with other curriculum areas, and making certain that inservice/professional development programs are of sufficient length and substance

and are related to follow-up support and follow-through supervision that are so greatly needed if changed teaching behaviors are to become the norm.

The approach taken to operationalize this mission calls for involving numerous members of the education community who can affect mathematics and science improvement in schools. It also requires their involvement through a process that embodies systemic thinking. Both the breadth of involvement and the depth of the process distinguish a systemic approach from one that is merely "project-oriented."

Activities in each State are selected, developed, and monitored by a State team established by the Consortium. In Delaware over the past several years, the Consortium has sponsored inservice workshops in mathematics and science that are consistent with the State's vision of "New Directions for Education in Delaware." In the District of Columbia, the Consortium is supporting the NSF-sponsored Mathematics, Science, Technology Initiative. In Maryland, the Consortium has sponsored five regional conferences on systemic improvement in mathematics and science education for teachers and principals. In New Jersey, the Consortium is continuing to work with the SSI, particularly in sponsoring public awareness activities and further development of statewide science standards. In Pennsylvania, the Consortium has sponsored professional development including elementary science teaching, Project 2061, equity, and performance outcomes.

The Mid-Atlantic region is particularly rich in human technical assistance and knowledge-based resources. The individuals and organizations assuming active leadership roles on the Consortium teams include representatives from both public and private schools, State education departments, institutions of higher education and consortia of such institutions (e.g., the Commonwealth Partnership, representing 12 colleges and universities in Pennsylvania), business and in-

and universities in Pennsylvania), business and industry, State mathematics and science coalitions, professional associations, and such "informal" educational agencies as the Franklin Institute in Philadelphia and the Carnegie Science Center in Pittsburgh. These individuals and organizations bring with them years of experience and enormous amounts of insight into providing the technical assistance and knowledge resources that are so greatly needed if the concept of systemic reform is to become more than empty rhetoric.

With regard to technology, the Consortium provides a Web site on the Internet, and promotes communication and networking among teams, regional groups, and educators through the use of electronic networks and forums. The Web site is designed to support mathematics and science educators and reform efforts throughout the region. It provides users with detailed information about Consortium activities, services, and products, and enables users to access an extensive variety of local, regional, and national resources in supporting systemic reform in mathematics and science education.

The Consortium is developing publications and other dissemination mechanisms. Major elements include the Internet sites listed above; a biannual newsletter, as well as informational bulletins, news releases, and journal articles; reports about the national collaboration; and an illustrated guide that helps educators understand the Internet and how it can be used in the classroom.

In addition, other means of communication include regional conferences, conference presentations, State and national conference presentations, Consortium team meetings, and information via telephone and mail.

Although the agenda is extensive, collaboration among the States of the region implies that the whole truly is greater than the sum of its parts. As a result, many coordinated resources will be brought to bear to achieve the goal of systemic reform in the Mid-Atlantic region.

Dr. Keith M. Kershner, Director  
Dr. William Geppert, Senior Math Associate  
and PA Team Liaison  
Dr. Patricia Wang-Iverson, Senior Science  
Associate and DC Team Liaison  
Dr. Jack Kinslow, Training and Development  
Specialist and MD Team Liaison  
Dr. John Connolly, NJ Team Liaison  
Dr. Louis M. Maguire, DE Team Liaison  
Stephen Bouikidis, Dissemination Specialist  
Peter Donohoe, Resource Center Coordinator  
Dr. Susan Danin, Evaluator

Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
Research for Better Schools  
444 North Third Street  
Philadelphia, PA 19123  
(215) 574-9300, ext. 280/Fax: (215) 574-0133  
E-mail: [mathsci@rbs.org](mailto:mathsci@rbs.org)  
WWW: [<http://www.rbs.org/eisenhower/index.html>](http://www.rbs.org/eisenhower/index.html)

# Delaware

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Joy G. Sparks, Interim Assistant Director  
Human Resources  
122 Townsend Hall, University of Delaware  
Newark, DE 19717-1303  
(302) 831-2509

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Anne T. Fitzgerald  
Delaware AIIC  
Delaware Department of Agriculture  
2320 South DuPont Highway  
Dover, DE 19901  
(302) 739-4811, Ext. 279/Fax: (302) 697-6287

### Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service  
Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

## Department of Commerce (DOC)

### Delaware National Estuarine Research Reserve

Ecological and environmental education programs for both students and teachers are offered at the Delaware National Estuarine Research Reserve.

Laura A. Draper Blessing  
Education Coordinator  
Delaware National Estuarine Research Reserve  
Delaware Department of Natural Resources and  
Environmental Control  
P.O. Box 1401  
Dover, DE 19903  
(302) 739-3451/Fax: (302) 739-3817

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Jack Cairns  
Eisenhower Professional Development Program  
Delaware Department of Public Instruction  
John G. Townsend Building, P.O. Box 1402  
Dover, DE 19903  
(302) 739-3742/Fax: (302) 739-4483

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Paul LeMahieu  
Eisenhower Professional Development Program  
University of Delaware, College of Education  
101A Willard Hall  
Newark, DE 19716  
(302) 831-4433/Fax: (302) 831-4438

### **Mid-Atlantic Eisenhower Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Mid-Atlantic Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director  
Mid-Atlantic Regional Educational Laboratory  
Temple University  
933 Ritter Annex  
13th and Cecil B. Moore  
Philadelphia, PA 19122  
(215) 204-3001

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribauda,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of the Interior (DOI)**

### **Bombay Hook National Wildlife Refuge**

Programs at the Bombay Hook National Wildlife Refuge include guided tours and lectures that center on wildlife management. Habitat studies programs are also available.

Division of Interpretation  
Bombay Hook National Wildlife Refuge  
Route 1, Box 147  
Smyrna, DE 19977  
(302) 653-9345/Fax: (302) 653-0684

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals  
Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Nancy Rolli, Project WILD Coordinator  
Department of Natural Resources, I&E  
P.O. Box 1401  
Dover, DE 19903  
(302) 739-4506/Fax: (302) 294-0874

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Louis A. Masci, Director  
Delaware Department of Labor  
Division of Employment and Training  
University Plaza, P.O. Box 9499  
Newark, DE 19714-9499  
(302) 368-6810/Fax: (302) 368-6995

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high

school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for



Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Stephanie Wright  
Aviation Education Resource Center  
Delaware Teachers Center  
Claymont Education Campus  
3401 Green Street  
Claymont, DE 19703  
(302) 798-3806

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206



## NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

## NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Delaware Aerospace Center  
NASA Regional Teacher Resource Center  
500 Duncan Road  
Wilmington, DE 19809-2359  
(302) 792-3806

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Delaware Space Grant Consortium  
Bartol Research Institute  
University of Delaware  
217 Sharp Laboratory  
Newark, DE 19716-4793  
(302) 831-1094

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

A primary component of Delaware's Statewide Systemic Initiatives Program is curriculum frameworks. Key objectives include crafting assessment systems that drive and measure desired student performances and building a school and community culture that supports rigorous teaching and learning.

Helen Foss  
Department of Public Instruction  
P.O. Box 1402  
Dover, DE 19903-1402  
(302) 739-3721/Fax: (302) 739-2916

Paul LeMahieu, Director  
Delaware Educational Research and Development Center  
University of Delaware  
Newark, DE 19716  
(302) 831-4433/Fax: (302) 831-4438

## District of Columbia

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Maurice Dorsey  
Interim Program Leader  
University of the District of Columbia  
901 Newton Street NE  
Washington, DC 20017  
(202) 576-6951

## Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service  
Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

## Department of Commerce (DOC)

### National Oceanic and Atmospheric Administration (NOAA)

The National Oceanic and Atmospheric Administration coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.

Joan Maier McKean, Acting Chief  
Educational Affairs Office, EA  
National Oceanic and Atmospheric  
Administration  
SSMC4, Room 1W225  
1305 East-West Highway  
Silver Spring, MD 20910  
(301) 713-1170/Fax: (301) 713-1174

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

## Department of Defense (DoD)

### The Navy Museum

The Navy Museum chronicles the history of the United States Navy from the Revolution to the present. "User friendly" and interactive, the Museum offers a hands-on approach to interpreting the development of naval weaponry and technology. Curriculum-related tours and programs are available for grades 1 through 12, by reservation.

The Navy Museum  
Building 76, Washington Navy Yard  
901 M Street SE  
Washington, DC 20374-5060  
(202) 433-4882/Fax: (202) 433-8200

### Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. Participating organizations located in the District of Columbia are Armed Forces Institute of Pathology (AFIP), Naval Research Laboratory, United States Naval Observatory (USNO), and Walter Reed Army Institute of Research (WRAIR).

Marylin Krupsaw  
GWU/SEAS  
Science and Engineering Apprentice Program  
707 22nd Street NW  
Washington, DC 20052  
(202) 994-2234

### Walter Reed Army Institute of Research

The Walter Reed Army Institute of Research offers science and engineering internships designed for high school students.

Marvin Rogul, Associate Director  
Research Marketing and Policy Development  
Walter Reed Army Institute of Research  
Washington, DC 20307-5100  
(202) 782-7580

### **Washington Navy Yard, Washington, DC**

The Washington Navy Yard in Washington, DC, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the National Capital Region.

COMNAVYDIST, Washington, DC  
Commandant  
Naval District Washington  
Washington Navy Yard, Building 200  
901 M Street SE  
Code OOG  
Washington, DC 20374-2002  
(202) 433-3728

## **Department of Education (ED)**

### **ENC Capital Collection**

Located at The George Washington University in Washington, DC, this minirepository for ENC's K-12 mathematics and science resources is 1 of 12 ENC demonstration sites throughout the Nation. The Capital Collection includes representative materials from the ENC National Collection, highlighting K-12 mathematics and science education materials produced by Federal agencies and commercial publishers. The Capital Collection & Demonstration Site is open year round at hours convenient to teachers. Educators and others may preview curriculum materials included in the Collection and learn how to integrate technology into their classroom activities. Staff and several computer workstations are available for educators who wish to search the ENC Resource Finder for additional resources, including those found via the Internet. Upon request, Capital Collection & Demonstration Site staff will travel to schools in the Washington, DC, metropolitan area to demonstrate ENC Online and other resources.

The George Washington University  
Gelman Library-Room B06  
2130 H Street NW  
Washington, DC 20052  
(202) 994-4519/Fax: (202) 994-4520  
E-mail: enc@gwis2.circ.gwu.edu

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Bonnie M. Smith  
Eisenhower Professional Development Program  
District of Columbia Public Schools  
415 12th Street NW, Room 1004  
Washington, DC 20004  
(202) 724-4234/Fax: (202) 727-2739

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Edward Yearwood  
Eisenhower Professional Development Program  
Office of Postsecondary Education  
Research and Assistance, Suite 401  
2100 Martin Luther King, Jr. Avenue SE  
Washington, DC 20020  
(202) 727-3685/Fax: (202) 727-2739

### **Mid-Atlantic Eisenhower Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

## **Mid-Atlantic Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director  
Mid-Atlantic Regional Educational Laboratory  
Temple University  
933 Ritter Annex  
13th and Cecil B. Moore  
Philadelphia, PA 19122  
(215) 204-3001

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of Energy (DOE)**

### **Regional Science Bowl**

The Department of Energy sponsors a Regional Science Bowl for District of Columbia high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Sue Ellen Walbridge  
Office of Energy Research, ER-7  
U.S. Department of Energy  
1000 Independence Avenue SW  
Washington, DC 20585  
(202) 586-7231/Fax: (202) 586-0019

## **Department of the Interior (DOI)**

### **Earth Science Information Center, Washington, DC**

The Washington, DC, Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Washington, DC-ESIC  
U.S. Department of the Interior  
1849 C Street NW, Room 2650  
Washington, DC 20240  
(202) 208-4047/Fax: (202) 208-6297  
TDD: (202) 219-1510  
(800) USA-MAPS

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jim Butler, Project WILD Coordinator  
Environmental Regulation Administration  
2100 Martin Luther King Jr. Avenue SE  
Washington, DC 20020  
(202) 404-1145, ext. 3054/Fax: (202) 404-1150

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Daryl Hardy, Deputy Director  
Training and Development  
Department of Employment Services  
500 C Street NW, Suite 600  
Washington, DC 20001  
(202) 724-7185/Fax: (202) 639-1357

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Terry White  
Aviation Education Program (AHR-15)  
Federal Aviation Administration  
Aviation Education Program  
400 Seventh Street SW, Plaza 100  
Washington, DC 20590  
(202) 366-7018/Fax: (202) 366-3786

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Phillip S. Woodruff  
Aviation Education Team Leader  
Aviation Education Program (AHR-15)  
Federal Aviation Administration  
400 Seventh Street SW, Plaza 100  
Washington, DC 20590  
(202) 366-7018/Fax: (202) 366-3786

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.



Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

National Air and Space Museum  
Smithsonian Institution  
Education Resource Center, MRC-305  
Washington, DC 20560  
(202) 786-2109

University of the District of Columbia  
NASA Regional Teacher Resource Center  
4200 Connecticut Avenue NW, Mail Stop 4201  
Washington, DC 20008  
(202) 274-6287/6288/6285

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.



District of Columbia Space Grant Consortium  
 Space Policy Institute  
 George Washington University  
 714 Gelman Library  
 2130 H Street, NW  
 Washington, DC 20052  
 (202) 995-2615

## Smithsonian Institution

### National Air and Space Museum

The National Air and Space Museum's Educational Services Department provides various services to science educators, including collections-based curriculum materials and workshops to assist teachers in utilizing the museum's many resources.

National Air and Space Museum  
 Educational Services Department  
 MRC 305  
 Washington, DC 20560  
 (202) 357-1504

### National Science Resources Center

The National Science Resources Center maintains a comprehensive collection of effective science teaching resource materials. The collection holds more than 5,000 volumes, including materials developed by national curriculum projects, school systems, commercial publishers, and science museums. Educators interested in visiting the collection may call to make arrangements.

Douglas Lapp, Executive Director  
 National Science Resources Center  
 MRC 403  
 Smithsonian Institution  
 Washington, DC 20560  
 (202) 357-2555/Fax: (202) 786-2028

### National Zoological Park

At the precollege level, the Zoo's education department offers programs, self-guiding materials, learning lab sessions, and teacher workshops. The *National Zoo News* is a yearly newspaper that contains useful teacher information.

Office of Education and Volunteer Services  
 National Zoological Park  
 Smithsonian Institution  
 Washington, DC 20008  
 (202) 673-4955

# Maryland

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Eleanor F. Young  
 Associate Director, 4-H & HE  
 University of Maryland  
 2309 Computer Science Building  
 College Park, MD 20742-2451  
 (301) 405-1009

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Steven A. Connelly  
 Maryland Agricultural Education  
 2101 East Fort Avenue, Suite 124  
 Baltimore, MD 21230  
 (410) 752-0671/Fax: (410) 783-0857

### Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager  
 U.S. Department of Agriculture  
 Cooperative State Research, Education, and  
 Extension Service  
 Room 3345-S  
 14th Street and Independence Avenue SW  
 Washington, DC 20250-2200  
 (202) 720-3511

## Department of Commerce (DOC)

### Chesapeake Bay National Estuarine Research Reserve

The Chesapeake Bay National Estuarine Research Reserve offers both in-school and onsite education programs. Reservations are required.

Kathleen Buppert, Education Coordinator  
Chesapeake Bay National Estuarine Research  
Reserve  
Division of Natural Resources  
Tawes State Office Building, B-3  
580 Taylor Avenue  
Annapolis, MD 21401  
(410) 974-3382/Fax: (410) 974-2833

### National Institute of Standards and Technology

The National Institute of Standards and Technology's Student Programs provide employment for high school, undergraduate, and graduate level students who are pursuing courses in physical sciences, engineering, computer science, or mathematics.

Kimberly J. Goode, Student Coordinator  
National Institute of Standards and Technology  
Office of Personnel and Civil Rights  
Administration Building, Room A123  
Gaithersburg, MD 20899  
(301) 975-3026

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

## Department of Defense (DoD)

### National Security Agency (NSA)

The National Security Agency sponsors a Mathematics Speakers Bureau that offers a variety of fun and fascinating mathematics and science talks to elementary, middle, or high school students by members of the NSA mathematics and science community. The objective is to increase the student's interest in mathematics and science and present instruction that models the recommendations of the National Council of Teachers of Mathematics Standards. A catalog of topics is available.

National Security Agency  
Attention: D5 (MEPP)  
Fort Meade, MD 20755-6000  
(301) 688-6214

### Naval Air Station (NAS), Patuxent River

The Naval Air Station at Patuxent River, Maryland, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

NAS Patuxent River MD  
Commander  
Naval Air Station  
Code NAS ADMIN  
Patuxent River, MD 20670-5304  
(301) 826-1016

### Naval Air Test and Evaluation Museum

The Naval Air Test and Evaluation Museum depicts the history of testing and evaluating U.S. naval aircraft. Exhibits include actual aircraft, a cockpit trainer, and hands-on displays. Admission is free and tours are available upon request.

Naval Air Test and Evaluation Museum  
Naval Air Warfare Center  
P.O. Box 407  
Patuxent River, MD 20670-5304  
(301) 863-7418

### Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students

attending school near the participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. The following are participating organizations in the State of Maryland:

Barbara Schmidt  
Army Environment Center (AEC)  
Aberdeen Proving Ground, MD 21010-5401

Dr. David Lenz  
Army Medical Research Institute of Chemical  
Defense (MRICD)  
Aberdeen Proving Ground, MD 21010-5425  
(410) 671-2455

Dr. Carol Linden  
Army Medical Research Institute of Infectious  
Diseases (MRIID)  
Ft. Detrick, MD 21702-5011  
(301) 619-2767

George Klem  
Army Research Laboratory (ARL-APG)  
Aberdeen Proving Ground, MD 21005-5066  
(410) 278-6807

Steve Kistner  
Center for Health Promotion & Preventive  
Medicine (CHPPM)  
MCHB-ZA, Building E-2100  
Aberdeen Proving Ground, MD 21010-5422  
(410) 671-2307

Phyllis Scales  
Edgewood Research, Development & Engineering  
Center (ERDEC)  
Aberdeen Proving Ground, MD 21010-5423  
(410) 671-5722

Bobbie Everett  
Naval Air Warfare Center Aircraft Division  
(NAWC-AD)  
Patuxent River, MD 20670-5304  
(301) 342-3734, ext. 107

Sylvia Rhodes  
Naval Surface Warfare Center Indian Head  
Division (NSWC-IH)  
101 Strauss Avenue, Code 061A  
Indian Head, MD 20640-5035  
(301) 743-6525

The following participating organizations are also located in Maryland:

Armed Forces Radiobiology Research Institute  
(AFRRI)  
Bethesda, MD

Army Research Laboratory  
Adelphi, MD (ARL-A)

Naval Air Warfare Center Aircraft Division  
(NAWC-AD)  
Patuxent River, MD

Naval Dental Research Institute, Detachment  
Bethesda, MD

Naval Surface Warfare Center  
Annapolis, MD (NSWC-A)  
Carderock, MD (NSWC-C)  
White Oak, MD (NSWC-WO)

Uniformed Services University of the Health  
Sciences  
Bethesda, MD

United States Naval Academy (USNA)  
Annapolis, MD

Walter Reed Army Institute of Research (WRAIR)  
Gaithersburg, MD  
Rockville, MD  
Wheaton, MD

For information on the above programs, contact:

Marylin Krupsaw  
GWU/SEAS  
Science and Engineering Apprentice Program  
707 22nd Street NW  
Washington, DC 20052  
(202) 994-2234

### **U.S. Naval Academy, Annapolis**

The U.S. Naval Academy (USNA) in Annapolis, Maryland, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

USNA, Annapolis MD  
Superintendent  
U.S. Naval Academy  
Human Programs Office, Stop 1J  
121 Blake Road  
Annapolis, MD 21402-5000  
(410) 293-2293

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. June Danaher  
Section Chief and Specialist in Mathematics  
Eisenhower Professional Development Program  
Maryland Department of Education  
200 West Baltimore Street  
Baltimore, MD 21201-2595  
(410) 767-0300/Fax: (410) 333-2379

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linarda Tyler, Director of Grants and Contracts  
Eisenhower Professional Development Program  
Maryland Higher Education Commission  
16 Francis Street  
Annapolis, MD 21401-1781  
(410) 974-2467/Fax: (410) 974-3513

### **Mid-Atlantic Eisenhower Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### **Mid-Atlantic Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director  
Mid-Atlantic Regional Educational Laboratory  
Temple University  
933 Ritter Annex  
13th and Cecil B. Moore  
Philadelphia, PA 19122  
(215) 204-3001

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud, Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of Energy (DOE)**

### **Regional Science Bowl**

The Department of Energy sponsors a Regional Science Bowl for Maryland high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Joni Boone/Jill Gollner of Apex Technology  
Office of Environmental Management, EM-121,  
U.S. Department of Energy  
1000 Independence Avenue SW  
Washington, DC 20585  
(301) 428-1323/Fax: (301) 428-1325

## Department of the Interior (DOI)

### Assateague Island National Seashore

Onsite environmental activities such as beachcombing and marsh studies are available to students at all grade levels at the Assateague Island National Seashore. Previsit curriculum materials and guided tours are also available.

Office of Interpretation  
National Park Service  
Assateague Island National Seashore  
Route 611, 7206 National Seashore Lane  
Berlin, MD 21811  
(410) 641-1441

### Blackwater National Wildlife Refuge

In addition to guided walks and bus tours, the Blackwater National Wildlife Refuge also offers summer environmental education programs.

Outdoor Recreation Planner  
Blackwater National Wildlife Refuge  
2145 Key Wallace Drive  
Cambridge, MD 21613  
(410) 228-2677/Fax: (410) 228-3261

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and  
Marine Minerals  
Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and  
Governmental Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Earl Hodil, Project WILD Coordinator  
Fish, Heritage, and Wildlife Administration  
Tawes State Office Building  
580 Taylor Avenue  
Annapolis, MD 21401  
(410) 974-3195/Fax: (410) 974-3587

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gary Moore, Executive Director  
Maryland Office of Employment and Training  
1100 North Eutaw Street, Room 314  
Baltimore, MD 21201  
(410) 333-7200/Fax: (410) 462-4291

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Abraham D. Spinak, Director  
University of Maryland Eastern Shore  
Airway Science Program  
Princess Anne, MD 21853-1299  
(401) 651-6489

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455



## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

### The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maryland Space Grant Consortium  
Bloomberg Center for Physics and Astronomy  
3400 North Charles Street  
Baltimore, MD 21218-2695  
(410) 516-7350

## Smithsonian Institution

### Smithsonian Environmental Research Center

The Smithsonian Environmental Research Center occupies 2,600 acres of the Rhode River tidal river

system, and is part of a network of sites conducting ecological research relevant to their geographic regions. The Center provides a broad range of educational activities, including teacher-led field trips, self-guided nature trails, guided tours, and workshops. Research opportunities are available for student interns and professionals.

Smithsonian Environmental Research Center  
P.O. Box 28  
Edgewater, MD 21037  
(301) 261-4190/Fax: (301) 261-7954  
E-mail: haddon@serc.si.edu

## New Jersey

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Mary Jane Willis  
4-H Interim Chair  
Cook College, Waller Hall  
P.O. Box 231  
New Brunswick, NJ 08903  
(908) 932-9704

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Joni Elliot  
New Jersey Department of Agriculture  
CN 330  
Trenton, NJ 08625  
(609) 292-8897 or 633-7463/Fax: (609) 292-3978

### Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service  
Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

### Department of Commerce (DOC)

#### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

### Department of Defense (DoD)

#### Armament Research, Development, and Engineering Center

The Center offers both student hire and student apprenticeship programs, as well as outreach assistance to nearby schools. Special tours of the arsenal museum are also available.

U.S. Army, ARDEC  
Public Affairs Office  
Picatinny Arsenal, NJ 07806-5000  
(201) 724-6365

## Math & Science 2000

Under the Math & Science 2000 initiative, Ft. Monmouth has adopted 10 local schools. Volunteers assist with science fairs, demonstrations for teachers and students, satellite training, and tours of the Research, Development, and Engineering Center laboratories and equipment. The program highlights careers in science, mathematics, and engineering.

Marilyn Guest  
U.S. Army CECOM  
RD&E Center  
Attn: AMSEL-RD-ADO-MS  
Ft. Monmouth, NJ 07703-5201  
(908) 532-0350

## Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Marilyn Guest  
Army Communications Electronic Command  
(CECOM)  
Ft. Monmouth, NJ 07703-5200  
(908) 532-0350

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Iris Nagler  
Eisenhower Professional Development Program  
Bureau of Curriculum and Technology  
New Jersey Department of Education  
CN 500  
Trenton, NJ 08625-0500  
(609) 984-6031/Fax: (609) 292-7276

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Maria Rosado/Iris Nagler  
Eisenhower Professional Development Program  
New Jersey Department of Education  
Division of Academic Programs and Standards  
240 West State Street, CN 500  
Trenton, NJ 08625  
(609) 633-8014/Fax: (609) 633-9825  
(609) 984-6031

### Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director  
Mid-Atlantic Regional Educational Laboratory  
Temple University  
933 Ritter Annex  
13th and Cecil B. Moore  
Philadelphia, PA 19122  
(215) 204-3001

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,  
Co-Directors

NetTech  
CUNY

555 West 57th Street

New York, NY 10017

(212) 541-0972/Fax: (212) 541-0357

E-mail: bibbh@cunyvm.cuny.edu

## **Department of Energy (DOE)**

### **Princeton Plasma Physics Laboratory**

Princeton Plasma Physics Laboratory welcomes field trips and provides guided tours of its facility. The laboratory also sponsors summer teacher enhancement institutes for New Jersey and Pennsylvania teachers. Research opportunities are available for local high school students and teachers, and undergraduates across the United States.

Diane Carroll, Head, Science Education Program  
Princeton Plasma Physics Laboratory  
Princeton University, James Forrestal Campus  
P.O. Box 451, Route 1  
Princeton, NJ 08543  
(609) 243-2107/Fax: (609) 243-2749  
E-mail: dcarroll@pppl.gov

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

## **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental  
Affairs

Education Coordinator

Minerals Management Service

1849 C Street NW, Mail Stop 0500

Washington, DC 20240

(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine  
Minerals

Minerals Management Service

381 Eldon Street, Mail Stop 4030

Herndon, VA 22070-4817

(703) 787-2393/Fax: (703) 787-1284

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Miriam Dunne, Project WILD Coordinator  
Division of Fish, Game, and Wildlife  
Request Center, Rural Route 1, Box 389  
Oxford, NJ 07863  
(908) 637-4125/Fax: (908) 637-6735

Larry Sarner, Aquatic WILD Coordinator  
Division of Fish, Game, and Wildlife  
P.O. Box 418  
Port Republic, NJ 08241  
(609) 748-2031/Fax: (609) 748-2032

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act

State and local programs for economically disadvantaged adults and youth.

Raymond L. Bramucci, Commissioner  
State of New Jersey Department of Labor  
CN110  
Trenton, NJ 08625  
(609) 292-2323/Fax: (609) 633-9271

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Carleen Genna, ACM-120  
FAA Aviation Education Representative  
Atlantic City International Airport  
Human Resource Management Division  
Atlantic City, NJ 08405  
(609) 485-6630/Fax: (609) 485-4391

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Martha Poci  
Aviation Education Resource Center  
Northeast Curriculum Coordination Center  
Division of Vocational Education  
Crest Way  
Aberdeen, NJ 07747  
(908) 290-1900

Paul Rigby  
Aviation Education Resource Center  
Atlantic Community College  
5100 Black Horse Pike  
Mays Landing, NJ 08330  
(609) 343-5113



## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 637-3671/Fax: (212) 637-4445

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States

and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2  
290 Broadway  
New York, NY 10007  
(212) 637-3678/Fax: (212) 597-6685

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may



preview NASA materials at these RTRCs or make copies of the materials.

Georgian Court College  
NASA Regional Teacher Resource Center  
900 Lakewood Avenue  
Lakewood, NJ 08701-2697  
(908) 364-2200, ext. 479

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Jersey Space Grant Consortium  
Stevens Institute of Technology  
Castle Point on the Hudson  
Hoboken, NJ 07030  
(201) 216-8964

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

New Jersey's Statewide Systemic Initiatives Program strengthens mathematics, science, and technology education in grades K-8 through professional support networks among schools and 14 partner institutions. The establishment of models for K-12 reform is being achieved through partnerships, representing a cross section of the State's economically and culturally diverse resources. The program includes a set of new policy initiatives and State commitments.

Rebecca Luketkin, Deputy Project Director  
Consortium for Educational Equity  
4090 Livingston Campus  
Rutgers University  
New Brunswick, NJ 08903  
(908) 445-2071/Fax: (908) 445-0027  
E-mail: luketki@gardalf.rutgers.edu

# Pennsylvania

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Katherine Fennelly  
State 4-H Leader and Department Head  
4-H and Youth Development  
The Pennsylvania State University  
323 Agriculture Administration  
University Park, PA 16802-2601  
(814) 865-1688

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pat Sueck  
534 Kennedy Road  
Arrville, PA 17302  
(717) 862-3486

### Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education,  
and Extension Service, Room 3345-S  
14th Street and Independence Avenue SW  
Washington, DC 20250-2200  
(202) 720-3511

## Department of Defense (DoD)

### Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Roseann Castonguay  
Naval Surface Warfare Center  
Philadelphia (NSWC-P)  
EEO, Code 3250.2  
Philadelphia, PA 19112-5087  
(215) 897-7642

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Jacqueline B. Jackson  
Eisenhower Mathematics and Science Program  
Division of Federal Programs  
Pennsylvania Department of Education  
333 Market Street, Seventh Floor  
Harrisburg, PA 17126-0333  
(717) 787-7117/Fax: (717) 783-6900

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linda J. Benedetto  
Eisenhower Professional Development Program  
Pennsylvania Department of Education  
Bureau of Postsecondary Services  
333 Market Street, 12th Floor  
Harrisburg, PA 17126-0333  
(717) 772-3623/Fax: (717) 783-0583

### Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director  
Mid-Atlantic Eisenhower Consortium for  
Mathematics and Science Education  
444 North Third Street  
Philadelphia, PA 19123-4107  
(215) 574-9300/Fax: (215) 574-0133

### Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director  
Mid-Atlantic Regional Educational Laboratory  
Temple University  
933 Ritter Annex  
13th and Cecil B. Moore  
Philadelphia, PA 19122  
(215) 204-3001

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## Department of Energy (DOE)

### Pittsburgh Energy Technology Center

Pittsburgh Energy Technology Center programs include a consortium for high school students and technology seminars for teachers.

Fred Brown  
Pittsburgh Energy Technology Center  
Office of Research and Development  
P.O. Box 10940  
Pittsburgh, PA 15236  
(412) 892-5942/Fax: (412) 892-6204

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### John Heinz National Wildlife Refuge

In addition to an environmental education materials library, the John Heinz National Wildlife Refuge offers several teacher workshops that promote teacher use of the Refuge. There are demonstration activities and consultations which explain how to use the Refuge.

Outdoor Recreation Planner  
John Heinz National Wildlife Refuge  
Scott Plaza Two, Suite 104  
Philadelphia, PA 19113  
(215) 521-0662/Fax: (215) 521-0611

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carl Richardson, Project WILD Coordinator  
Pennsylvania Fish and Boat Commission  
P.O. Box 67000  
Harrisburg, PA 17106-7000  
(717) 557-4518/Fax: (717) 557-4549

Theresa Alberici, Project WILD Coordinator  
Division of Information and Education  
Pennsylvania Game Commission  
2001 Elmerton Avenue  
Harrisburg, PA 17110-9797  
(717) 787-6286/Fax: (717) 783-2411

## Upper Delaware Scenic and Recreational River

Programs at the Upper Delaware Scenic and Recreational River include guided walks that focus primarily on the River's ecology. In-school presentations may be requested.

Division of Interpretation  
Upper Delaware Scenic and Recreational River  
P.O. Box C  
Narrowsburgh, NY 12764  
(717) 729-7135

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Robert N. Grant, Executive Deputy Secretary  
Department of Labor and Industry  
Seventh and Forster Streets, Room 1700  
Harrisburg, PA 17120  
(717) 787-3157/Fax: (717) 783-5225

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Robert Powell, Assistant Professor  
Community College of Beaver County  
Aviation Sciences Center  
125 Cessna Drive  
Beaver Falls, PA 15010-1080  
(412) 847-7000

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
841 Chestnut Street, Mail Stop 3EA20  
Philadelphia, PA 19107  
(215) 597-9076/Fax: (215) 597-0961

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3  
841 Chestnut Street  
Philadelphia, PA 19107  
(215) 597-6685/Fax: (215) 597-0961

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Pittsburgh School of Education  
Computer Curriculum Information Center  
NASA Regional Teacher Resource Center  
230 South Boquet Street  
Pittsburgh, PA 15260  
(412) 648-7560/7558

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Pennsylvania Space Grant Consortium  
The Pennsylvania State University  
101 South Frear  
University Park, PA 16802  
(814) 863-7688

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# Mid-continent

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## Areas Served:

**Colorado, Kansas,  
Missouri, Nebraska,  
North Dakota,  
South Dakota, and  
Wyoming**





# Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower High Plains Consortium (HPC) for Mathematics and Science is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium and the Mid-continent Regional Educational Laboratory (McREL) serve a seven-State region. HPC enhances and builds on existing resources, creating new partnerships that span district and State boundaries, and link private and public schools, businesses, and industries. The Consortium facilitates ongoing projects, links programs through established communication networks, and maximizes the impact of existing resources in the seven-State region. Efforts are focused on four specific functions—communication, professional development, curriculum frameworks, and institutionalization.

In the area of communication, HPC promotes the use of electronic communication both within each State and within the region. Every attempt is made to work collaboratively with partners in each State to make technology more accessible to teachers and students. HPC has set up a listserv for mathematics educators that is accessible on the Internet. Conference calls initiated by the Consortium are used to promote communication among job-alike groups, such as the Statewide Systemic Initiative (SSI) State coordinators. HPC also serves as a facilitator to various groups throughout the region on a variety of topics.

In the area of professional development, HPC has worked with key groups in each State, including the State education agency, to aid in the coordination of multiple State-level initiatives. These initiatives include emerging State curriculum frameworks and the teacher training necessary to refine, adapt, adopt, and implement at the local level. HPC also provides

professional development on alternative assessment and curriculum framework development to numerous school districts upon request. Professional development opportunities with optional graduate credit are being provided or cosponsored by HPC during the summer in several States. HPC staff expertise in mathematics and science serves as a resource for teachers from kindergarten through post-secondary school.

In the area of curriculum framework development and refinement, HPC provides staff expertise and two Laboratory Network Program documents, *Curriculum Frameworks Analysis Tool* and *A Summary of Analyzed State Curriculum Frameworks*. HPC also has worked closely with State groups to facilitate the planning and writing of various grants to assist the State framework development process.

In the area of institutionalization, the State-level advisory teams are establishing a coordinated professional development effort within each State. Additionally, the shift from producing an HPC newsletter to submitting articles to State-level educational newsletters reflects an institutionalization process.

To assist teachers in their efforts to improve instructional practice, HPC seeks to identify "Promising Practices." The process has resulted in the identification of five programs to date. These programs are:

- **CMEA-MESA** is a multidisciplinary studies program in Denver, Colorado, which develops interest in science, engineering, and related fields, targeting minority student participation from grades 6–12. The program stimulates career awareness and motivation through field trips, role model speakers, competitions, incentive awards, college and career counseling, summer enrichment opportunities, and internships.
- **MathVantage** is a product of Nebraska mathematics teachers under the direction of the Nebraska Mathematics and Science Coalition in Lincoln. The MathVantage materials target 7th- and 8th-grade

students, presenting mathematics from a different perspective—a different “vantage” point. These materials demonstrate a relevancy to the student’s life and emphasize active participation on the part of the student.

■ **Teaching Science Concepts Using Discrepant Events** from Kansas State University in Manhattan is a compilation of more than 250 scientific discrepant events that can be used by teachers of Earth science, physics, chemistry, and biology in upper-elementary or middle schools to stimulate students’ interest and motivation. These discrepant events are written as hands-on investigation activities and minds-on exercises.

■ **Small Scale Science—STAR<sup>3</sup>** program provides teachers of middle-level science (grades 5–9) with the necessary confidence and skills to employ small-scale science in the classroom. The program comprises an inquiry-based series of hands-on experiments that have been used successfully from upper-elementary through university classrooms.

■ **K–6 Science and Mathematics Enhancement Program (KSAM)** from Southeast Missouri State University encourages the utilization of an effective, process-based instructional strategy in K–6 science and mathematics. KSAM provides teachers with process-based activities and training in addition to pertinent materials and support.

For additional information about these or other promising practices from around the country, contact HPC.

Dr. John Sutton, Senior Director/Mathematics and Collaboration

Dr. Ceri Dean, Senior Associate/Mathematics and Action Research

Elaine DeBassige, Administrative Assistant/Conference Coordination

Amy Garcia, Administrative Assistant/Desktop Publishing and Web Support

Dr. Martha Henry, Senior Associate/Science and Urban Initiatives

Jeff Johnson, Senior Associate/Technology, Mathematics and Case Studies

Alice Krueger, Senior Associate/Science and Collaboration

Therese Sarah, Senior Specialist/McREL Webmaster

Phyllis Thomas, Senior Associate/Evaluation

Eisenhower High Plains Consortium  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
WWW: <<http://www.mcrel.org/hpc>>

# Colorado

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dorothy H. Martin, Assistant Director  
4-H Youth Development  
Colorado State University  
123 Aylesworth Hall NW  
Fort Collins, CO 80523  
(303) 491-6421

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Helen Davis  
Colorado Department of Agriculture  
700 Kipling, #4000  
Lakewood, CO 80215-5894  
(303) 239-4114/Fax: (303) 866-4073

Bette Blinde  
28276 WRC15  
Windsor, CO 80550  
(303) 686-7806

## Department of Commerce (DOC)

### Environmental Research Laboratories

The Environmental Research Laboratories offer guided tours, curriculum materials, and in-class presentations.

Carol Knight  
National Oceanic and Atmospheric  
Administration  
Office of Oceanic and Atmospheric Research  
Environmental Research Laboratories  
325 Broadway  
Boulder, CO 80303-3328  
(303) 497-6401

## National Institute of Standards and Technology

The National Institute of Standards and Technology's Student Programs provide employment for high school, undergraduate, and graduate-level students who are pursuing courses in physical sciences, engineering, computer science, or mathematics.

Mary Bruner  
National Institute of Standards and Technology  
325 Broadway, Mail Stop 360.06  
Boulder, CO 80303  
(303) 497-5507

## Department of Education (ED)

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Mattye Pollard-Cole  
Eisenhower Professional Development Program  
Colorado Department of Education  
201 East Colfax Avenue  
Denver, CO 80203  
(303) 866-6763/Fax: (303) 830-0793

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Sharon Samson, Academic Officer  
Colorado Commission on Higher Education  
1300 Broadway, Second Floor  
Denver, CO 80203  
(303) 866-2723/Fax: (303) 860-9750

### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: kroc@csulb.edu

## **Department of Energy (DOE)**

### **National Renewable Energy Laboratory**

National Renewable Energy Laboratory (NREL) provides teacher workshops, student internships, and summer programs for students and teachers. NREL works with several partnership programs, including NSF Colorado Statewide Systemic Initiative. NREL conducts student competitions and is the national contact for the Junior Solar Spring Competition.

Linda Lung, Education Programs Manager  
1617 Cole Boulevard, Building 15  
Golden, CO 80401-3933  
(303) 275-3044/Fax: (303) 275-3076  
E-mail: linda\_lung@nrel.gov

### **Rocky Flats Plant**

The Rocky Flats Plant sponsors teacher workshops and programs for students, along with a variety of outreach assistance and support programs.

Laura Schachter  
Rocky Flats Office  
P.O. Box 928  
Golden, CO 80402-0928  
(303) 966-2200/Fax: (303) 966-3418

### **Western Area Power Administration (WAPA)**

The Western Area Power Administration conducts the Colorado Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. Participants in the competition include Native American and other minority students from the State of Colorado. The regional winner advances to the National Competition, held each spring in Washington, DC.

Mary D'Amato  
Western Area Power Administration-Loveland  
P.O. Box 3700  
Golden, CO 80539  
(303) 490-7201/Fax: (303) 490-7213

Ernie Baier  
Western Area Power Administration-Montrose  
1800 South Rio Grande Avenue  
Montrose, CO 81401  
(303) 240-6248/Fax: (303) 240-6254

## Department of the Interior (DOI)

### Anasazi Heritage Center

The Anasazi Heritage Center provides resources and classroom activities in such areas as archaeology, geography, science, history, and English.

Anasazi Heritage Center  
27501 Highway 184  
P.O. Box 758  
Dolores, CO 81323  
(303) 882-4811

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Public Affairs Specialist  
Bureau of Land Management  
Colorado State Office  
Office of External Affairs  
2850 Youngfield Street  
Lakewood, CO 80215  
(303) 239-3671

### Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh  
Environmental Education Coordinator  
Denver Federal Center, D-5100  
Building 67  
Denver, CO 80225  
(303) 236-9336, ext. 223/Fax: (303) 236-3573

### Bureau of Reclamation Hydraulic Laboratory

The Bureau of Reclamation Hydraulic Laboratory offers tours and demonstrations of working models of reclamation projects, including the modern and unique instrumentation and testing equipment used by engineers and scientists.

Research Director  
Bureau of Reclamation  
P.O. Box 25007 (D-3700)  
Denver, CO 80225-0007  
(303) 236-5981

### Colorado National Monument

The Colorado National Monument offers guided walks and teacher guides that focus primarily on environmental education and geology.

Division of Interpretation  
Colorado National Monument  
Fruita, CO 81521  
(303) 858-3617

### Curecanti National Recreation Area

In the spring and fall, Curecanti National Recreation Area offers environmental education outreach programs for grades K-8. Curriculum materials are provided for both teachers and students. Educators may choose in-class presentations or onsite day field trips.

Curecanti National Recreation Area  
102 Elk Street  
Gunnison, CO 81230  
(303) 641-2337

### Earth Science Information Center, Lakewood

The Lakewood Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Lakewood-ESIC  
Denver Federal Center, MS 504  
Box 25046, Building 810  
Denver, CO 80225-0046  
(303) 236-5829/Fax: (303) 202-4188  
(800) USA-MAPS

### **Mesa Verde National Park**

The Mesa Verde National Park offers guided tours and teacher guides for educators. Programs concentrate primarily on anthropology and history.

Division of Interpretation  
Mesa Verde National Park  
P.O. Box 8  
Mesa Verde National Park, CO 81330  
(303) 529-4465

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Royalty Management Program  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
P.O. Box 25168  
Lakewood, CO 80225  
(303) 231-3162/Fax: (303) 231-3780

### **Morrow Point Dam Visitor Center**

Located on the Gunnison River, the Morrow Point Dam Visitor Center offers information and self-guided tours of the facility.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Chris Bridges, Project WET Coordinator  
Colorado Water Conservation Board  
1313 Sherman Street, Room 721  
Denver, CO 80203  
(303) 866-3441

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jeff Rucks, Acting Project WILD Coordinator  
Colorado Division of Wildlife  
6060 North Broadway  
Denver, CO 80216  
(303) 291-7262, ext. 7300/Fax: (303) 294-0874

### **Ridgeway Dam Visitor Center**

The Ridgeway Dam Visitor Center offers self-guided nature walks and educational programs for students.

Public Affairs Office  
Upper Colorado Region  
Bureau of Reclamation  
P.O. Box 11568 (UC-140)  
Salt Lake City, UT 84147-0568  
(801) 524-6477

### **Rocky Mountain National Park**

Programs at the Rocky Mountain National Park include guided nature tours and lectures that focus on geology, ecology, and environmental education.

Division of Interpretation  
Rocky Mountain National Park  
Estes Park, CO 80517  
(303) 586-2371



## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Leslie S. Franklin, Executive Director  
Governor's Job Training Office  
720 South Colorado Boulevard, Suite 550  
Denver, CO 80222  
(303) 758-5020/Fax: (303) 758-5578

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Jonathan R. Burke, Assistant Professor  
Aviation Education Resource Center  
Metropolitan State College of Denver  
Aerospace Science Department  
Campus Box 30, P.O. Box 173362  
Denver, CO 80217-3362  
(303) 556-2923

Dr. Jerry Brown, Educational Director  
Aviation Education Resource Center  
U.S. Space Foundation  
2860 South Circle Drive, Suite 2301  
Colorado Springs, CO 80906-4181  
(719) 576-8000

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop OCPI  
Denver, CO 80202-2405  
(303) 312-6605/Fax: (303) 294-7665

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
One Denver Place  
999 18th Street  
Denver, CO 80202-2405  
(303) 294-1113/Fax: (303) 294-7665

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space Foundation  
NASA Regional Teacher Resource Center  
2860 South Circle Drive, Suite 2301  
Colorado Springs, CO 80906-4184  
(719) 576-8000

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Colorado Space Grant Consortium  
University of Colorado at Boulder  
Campus Box 520  
Boulder, CO 80309-0520  
(303) 492-3141

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

The Colorado Statewide Systemic Initiatives Program, Pursuing Equity, Achievement, and Knowledge for Students in Mathematics and Science Education (PEAKS), seeks to develop a centralized enabling structure for bottom-up changes by making extensive use of existing, successful efforts. This program uses the State's "local catalyst partnership," regional collaboratives, and a State infrastructure to engage the public, link standards development with actual change, and provide leadership.

Richard Laughlin  
Colorado Department of Education  
201 East Colfax Avenue  
Denver, CO 80203  
(303) 894-2140/Fax: (303) 894-2141

Henry Heikkinen  
University of Northern Colorado  
Department of Chemistry  
Greeley, CO 80639  
(303) 351-1289, ext. 1280/Fax: (303) 351-1269

# Kansas

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. C.R. Salmon  
Assistant Extension Director  
4-H and Youth Development  
Kansas State University  
Umberger Hall, Room 201  
Manhattan, KS 66506-3404  
(913) 532-5800

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jamie Clover Adams  
Kansas Fertilizer and Chemical Association  
P.O. Box 1517  
Topeka, KS 66601-1517  
(913) 234-0463/Fax: (913) 234-2930

Sharon Tally  
Kansas State University  
124 Bluemont Hall  
Manhattan, KS 66506  
(913) 532-7946/Fax: (913) 532-7304

## Department of Education (ED)

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-Mail: jsutton@mcrel.org

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Kenneth Gentry  
Eisenhower Professional Development Program  
Kansas Department of Education  
120 East 10th Street  
Topeka, KS 66612-1182  
(913) 296-2306/Fax: (913) 296-7933

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. John F. Welsh  
Eisenhower Professional Development Program  
Kansas Board of Regents  
400 SW Eighth Street, Suite 609  
Topeka, KS 66603  
(913) 296-3421/Fax: (913) 296-0983

### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors  
South Central Regional Technology in  
Education Consortium  
Dole Human Development Building, Suite 2021  
University of Kansas  
Lawrence, KS 66045  
(913) 864-0710/Fax: (913) 864-4149  
E-mail: jchaffin@quest.sped.ukans.edu

### **Department of the Interior (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Roland Stein, Project WILD Coordinator  
Kansas Department of Wildlife and Parks  
Rural Route 2, Box 54A  
Pratt, KS 67124  
(316) 672-5911/Fax: (316) 672-6020

Connie Elpers, Project WILD Coordinator  
455 North Main, 11th Floor  
Wichita, KS 67202  
(316) 722-7929/Fax: (316) 268-4567

## **Quivira National Wildlife Refuge**

Quivira National Wildlife Refuge offers teacher workshops to educators who wish to use the Refuge as an outdoor classroom.

Quivira National Wildlife Refuge  
Route 3, Box 48A  
Stafford, KS 67578  
(316) 486-2393/Fax: (316) 486-2394

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joe Dick, Secretary  
Kansas Department of Human Resources  
401 Topeka Boulevard  
Topeka, KS 66603  
(913) 296-7474/Fax: (913) 296-0179

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Edward E. Berger, President  
Aviation Education Resource Center  
Hutchinson Community College  
1300 North Plum  
Hutchinson, KS 67501  
(316) 665-3505



Karlene Propst  
Aviation Education Resource Center  
Kansas State University, Salina  
Tullis Library  
2408 Scanlan Avenue  
Salina, KS 67401  
(913) 825-0275

Patricia Altwegg  
Cloud County Community College  
Box 1002  
2221 Campus Drive  
Concordia, KS 66901  
(800) 729-5101

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 552-7006

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257



## NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

## NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Kansas Cosmosphere and Space Center  
NASA Regional Teacher Resource Center  
1100 North Plum  
Hutchinson, KS 67501-1499  
(316) 662-2305  
(800) 397-0330

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Kansas Space Grant Consortium  
University of Kansas  
Department of Aerospace Engineering  
2004 Learned Hall  
Lawrence, KS 66045-2221  
(913) 864-4265

# Missouri

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gerry Westwood  
Director, 4-H Youth  
University of Missouri  
212 Whitten Hall  
Columbia, MO 65211  
(314) 882-7430

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Diane Olsen  
Missouri Farm Bureau  
P.O. Box 568  
Jefferson City, MO 65102  
Fax: (314) 893-1540

## Department of Defense (DoD)

### U.S. Army Engineer Museum

The U.S. Army Engineer Museum offers guided tours and educational programs that focus on aspects of military engineering. Reservations are required.

U.S. Army Engineer Museum  
Attention: ATZT-PTM-PM  
Fort Leonard Wood, MO 65473-5165  
(573) 596-0780

## Department of Education (ED)

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-Mail: jsutton@mcrel.org

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Betty Lohraff  
Director, Instructional Improvement and  
Resources  
Eisenhower Professional Development Program  
Missouri Department of Elementary and  
Secondary Education  
P.O. Box 480  
Jefferson City, MO 65102  
(314) 751-9053/Fax: (314) 751-9434

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Ava L. Fajen  
Eisenhower Professional Development Program  
Missouri State Institutions of Higher Learning  
Coordinating Board of Higher Education  
3515 South Amazonas Street  
Jefferson City, MO 65109  
(314) 751-2361/Fax: (314) 751-6635

## Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

## Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors  
South Central Regional Technology in  
Education Consortium  
Dole Human Development Building, Suite 2021  
University of Kansas  
Lawrence, KS 66045  
(913) 864-0710/Fax: (913) 864-4149  
E-mail: jchaffin@quest.sped.ukans.edu

## Department of Energy (DOE)

### AlliedSignal Aerospace Company

In addition to establishing partnerships with local schools, AlliedSignal Aerospace Company participates in career and science fairs and academic contests and provides tours of its facility.

Richard Bennett  
AlliedSignal Aerospace Company  
P.O. Box 419159, 2000 East 95th Street  
Kansas City, MO 64141-6159  
(816) 997-5937/Fax: (816) 997-7259

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Earth Science Information Center, Rolla

The Rolla Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Rolla-ESIC  
1400 Independence Road, MS 231  
Rolla, MO 65401-2602  
(573) 308-3500/Fax: (573) 308-3615  
TDD: (573) 341-2716  
(800) USA-MAPS

### Ozark National Scenic Riverways

Programs at the Ozark National Scenic Riverways include guided nature walks, ranger lectures, and cave tours. In-school activities are also available upon request.

Division of Interpretation  
Ozark National Scenic Riverways  
P.O. Box 493  
Van Buren, MO 63965  
(314) 323-4236

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Bruce Evans  
Kansas City School District  
301 East Armour Boulevard, Suite 620  
Kansas City, MO 64111  
(816) 871-6397/Fax: (816) 871-6393

Jim Jordan, Education Department  
St. Louis Zoo, Forest Park  
St. Louis, MO 83110  
(314) 781-0900, ext. 340/Fax: (314) 647-7969

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Larry Earley, Director  
Division of Job Development and Training  
Missouri Department of Economic Development  
221 Metro Drive  
Jefferson City, MO 65109  
(314) 751-7796/Fax: (314) 751-6765

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### Aviation Education Workshops for Teachers

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provides information, materials, and speakers for the program.

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FAA Aviation Education Representative  
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Federal Building, Room 1501  
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(816) 426-3046/Fax: (816) 426-3091

### **Federal Aviation Administration (FAA) Aviation Education Representative**

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Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

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Al Myers, Director  
Lincoln University  
Career Advisement Planning & Placement Center  
127 Thyompkins  
Jefferson City, MO 65102-0029  
(314) 681-5477

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

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FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

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Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 552-7006

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt  
Acting Director, Education Programs Office  
Mail Code CL01  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 544-8800

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
NASA Teacher Resource Center for Marshall  
Space Flight Center  
P.O. Box 070015  
Huntsville, AL 35807-7015  
(205) 544-5812

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Missouri Space Grant Consortium  
Washington University  
One Bookings Drive, Campus Box 1169  
St. Louis, MO 63130-4899  
(314) 935-5609

# Nebraska

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Del Dearborn  
State 4-H Program Leader  
University of Nebraska  
114 Agriculture Hall  
Lincoln, NE 68583-0700  
(402) 472-9009

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ellen Hellerich  
Nebraska Farm Bureau Federation  
P.O. Box 80299  
Lincoln, NE 68501  
(402) 421-4400, ext. 2002/Fax: (402) 421-4432

## Department of Education (ED)

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

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Eisenhower High Plains Consortium for  
Mathematics and Science  
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Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-Mail: jsutton@mcrel.org



### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

James Woodland  
Eisenhower Professional Development Program  
Nebraska Department of Education  
P.O. Box 84987, 301 Centennial Mall South  
Lincoln, NE 68509  
(402) 471-4329/Fax: (402) 471-0117

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Odus V. Elliott/Kathleen Fimple  
Associate Academic Officer  
Eisenhower Professional Development Program  
Coordinating Commission for Postsecondary  
Education  
140 North Eighth Street  
P.O. Box 95005  
Lincoln, NE 68509-5005  
(402) 471-0021/0022/Fax: (402) 471-2886

### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

### **Regional Technology in Education Consortium (R•TEC)**

The R•TEC assists the state, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R•TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors  
South Central Regional Technology in  
Education Consortium  
Dole Human Development Building, Suite 2021  
University of Kansas  
Lawrence, KS 66045  
(913) 864-0710/Fax: (913) 864-4149  
E-mail: jchaffin@quest.sped.ukans.edu

### **Department of the Interior (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 1828, 2515 Warren Avenue  
Cheyenne, WY 82003  
(307) 775-6001

#### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carl Wolfe, Project WILD Coordinator  
Game and Parks Commission  
P.O. Box 30370  
Lincoln, NE 68503  
(402) 471-0641/Fax: (402) 471-5528

#### **Scotts Bluff National Monument**

Rangers present in-school and onsite lectures on the geology and history of the Scotts Bluff National Monument.



Division of Interpretation  
 Scotts Bluff National Monument  
 P.O. Box 427  
 Gering, NE 69341  
 (308) 436-4340

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dan Dolan, Commissioner  
 Nebraska Department of Labor  
 550 South 16th Street, P.O. Box 94600  
 Lincoln, NE 68509-4600  
 (402) 471-9000/Fax: (402) 471-2318

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10  
 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at

colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Maria Navarro, ACE-10  
 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Maria Navarro, ACE-10  
 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Brent Bowen, Director  
 Aviation Education Resource Center  
 University of Nebraska  
 Aviation Institute, 60th and Dodge  
 Omaha, NE 68182-0508  
 (402) 554-3424

Val J. Hruska, Aviation Specialist  
 Aviation Education Resource Center  
 Nebraska Department of Aeronautics  
 P.O. Box 82088  
 Lincoln, NE 68501-2088  
 (402) 471-2371

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 551-7066

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 552-7006

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

## NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Nebraska at Omaha  
Mallory Kountze Planetarium  
Durham Science Center, Room 144  
60th and Dodge Streets  
Omaha, NE 68182-0266  
(402) 554-2510

University of Nebraska State Museum  
NASA Regional Teacher Resource Center  
14th and U Streets, 307 Morrill Hall  
Lincoln, NE 68588-0338  
(402) 472-6302

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nebraska Space Grant Consortium  
Aviation Institute  
Allwine Hall 422  
University of Nebraska at Omaha  
Omaha, NE 68182-0508  
(402) 554-3424

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

Nebraska's Statewide Systemic Initiatives Program focuses on mathematics education. Progress includes the establishment of partnerships among school districts; curriculum enrichment; and the incorporation of technology into the classroom, including televised mathematics programs and an electronic computer network.

W. James Lewis  
Nebraska Mathematics and Science Initiative  
P.O. Box 880231  
Lincoln, NE 68588-0231  
(402) 472-8965/Fax: (402) 472-8466

Sandra K. Scofield, Program Director  
Nebraska Mathematics and Science Initiative  
P.O. Box 880231  
Lincoln, NE 68588-0231  
(402) 472-8965/Fax: (402) 472-9377

# North Dakota

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Geri Bosch, Program Leader  
4-H Youth Development  
North Dakota State University  
219 FLC, P.O. Box 5016  
Fargo, ND 58105  
(701) 237-7259

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Sarah Nordby  
North Dakota Department of Agriculture  
600 East Boulevard, Sixth Floor  
Bismarck, ND 58501-0020  
(701) 224-4757/Fax: (701) 224-4567

## **Department of Education (ED)**

### **Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-mail: jsutton@mcrel.org

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Ron Torgeson  
Eisenhower Professional Development Program  
North Dakota Department of Public Instruction  
Capitol Building, 600 East Boulevard Avenue  
Bismarck, ND 58505-0440  
(701) 328-2270/Fax: (701) 328-4770

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Ron Torgeson  
Eisenhower Professional Development Program  
North Dakota Department of Public Instruction  
Capitol Building, 600 East Boulevard Avenue  
Bismarck, ND 58505-0440  
(701) 328-2270/Fax: (701) 328-4770

## **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in  
Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(708) 218-1272/Fax: (708) 218-4989  
E-mail: rramirez@ncrel.org

## **Department of Energy (DOE)**

### **Western Area Power Administration (WAPA), Bismarck District Office**

Western's Bismarck District Office participates in the Federal junior fellowship program and coordinates a Regional Science Bowl Competition.

Bruce Frolich  
Western Area Power Administration  
P.O. Box 1173  
Bismarck, ND 58502-1173  
(701) 221-4507/Fax: (701) 221-4526

## Department of the Interior (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 36800, 222 North 32nd Street  
Billings, MT 59107  
(406) 255-2913

### Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Bill Sharff  
State Water Commission  
900 East Boulevard  
Bismarck, ND 58505  
(701) 224-4833

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dave Jensen, Project WILD Coordinator  
North Dakota Game and Fish  
100 North Bismarck Expressway  
Bismarck, ND 58501-5095  
(701) 221-6322/Fax: (701) 221-6352

### Theodore Roosevelt National Park

Programs at the Theodore Roosevelt National Park include guided nature walks and activities that focus primarily on environmental education and park ecology.

Division of Interpretation  
Theodore Roosevelt National Park  
Box 7  
Medora, ND 58645  
(701) 623-4466

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gerald P. Balzer, Executive Director  
North Dakota Office of Job Service  
1000 East Divide Avenue, P.O. Box 1537  
Bismarck, ND 58502-1537  
(701) 224-2836/Fax: (701) 224-4000

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in



the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Charles L. Robertson, Assistant Professor  
Aviation Education Resource Center  
University of North Dakota  
Department of Aviation  
Box 8216, University Station  
Grand Forks, ND 58202-8216  
(701) 777-2791

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the

FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop OCPI  
Denver, CO 80202-2405  
(303) 312-6605/Fax: (303) 294-7665

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate



EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
One Denver Place  
999 18th Street  
Denver, CO 80202-2405  
(303) 294-1113/Fax: (303) 294-7665

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve

as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of North Dakota  
NASA Regional Teacher Resource Center  
The Wayne Peterson Room  
Clifford Hall-5th Floor  
Space Studies Department  
P.O. Box 9008, University Station  
Grand Forks, ND 58202-9008  
(701) 777-4856  
(800) 828-4274

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Dakota Space Grant Consortium  
University of North Dakota  
Department of Space Studies, Box 9008  
Grand Forks, ND 58202  
(701) 777-3167

## South Dakota

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Bob Davis  
4-H Interim Program Leader  
South Dakota State University  
4-H Club  
Box 2207E, Ag Hall 104  
Brookings, SD 57007  
(605) 688-4167

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Melanie Schumacher, President  
South Dakota Ag in the Classroom  
P.O. Box 577  
Pierre, SD 57501

### **Department of Defense (DoD)**

#### **South Dakota Air and Space Museum**

The evolution of aviation and the progression of technology involved in aviation are the primary aspects of the South Dakota Air and Space Museum. Tours are available upon request.

South Dakota Air and Space Museum  
28 BW/CVM  
Ellsworth Air Force Base, SD 57706-5000  
(605) 385-5188

### **Department of Education (ED)**

#### **Eisenhower High Plains Consortium for Mathematics and Science**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-mail: jsutton@mcrel.org

#### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Jim Hauck

Eisenhower Professional Development Program  
South Dakota Division of Education  
700 Governors Drive  
Pierre, SD 57501-2291  
(605) 773-4712/Fax: (605) 773-6139

#### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Erika Tallman  
Higher Education Administrator  
Eisenhower Professional Development Program  
Northern State University  
Aberdeen, SD 57401  
(605) 622-2524/Fax: (605) 773-5320

Michael Hillman  
Board of Regents  
207 East Capitol  
Pierre, SD 57501  
(605) 773-3455/Fax: (605) 773-5320

#### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

#### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in  
Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(708) 218-1272/Fax: (708) 218-4989  
E-mail: rramirez@ncrel.org

## Department of Energy (DOE)

### Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the South Dakota Regional Science Bowl, a community-and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Greg Vaselaar  
Western Area Power Administration-Huron  
200 4th Street SW  
Huron, SD 57350-2474  
(605) 353-9209/Fax: (605) 353-9254

## Department of the Interior (DOI)

### Badlands National Park

The Badlands National Park offers guided nature walks and a teachers' guide that emphasizes the geology, history, ecology, and zoology of the Badlands.

Division of Interpretation  
Badlands National Park  
P.O. Box 6  
Interior, SD 57750  
(605) 433-5361

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
222 North 32nd Street, P.O. Box 36800  
Billings, MT 59107  
(406) 255-2913

### Earth Science Information Center, Sioux Falls

The Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Sioux Falls-ESIC  
EROS Data Center  
Sioux Falls, SD 57198-0001  
(605) 594-6151; Fax: (605) 594-6589  
TDD: (605) 594-6933  
(800) USA-MAPS

### Jewel Cave National Monument

Programs include guided nature walks and lectures that emphasize the geology of the Jewel Cave National Monument.

Division of Interpretation  
Jewel Cave National Monument  
Box 60AA, RR1  
Custer, SD 57730  
(605) 673-2288

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Steve Kirsch, Project WILD Coordinator  
South Dakota Department of Game, Fish, and  
Parks  
523 East Capitol  
Pierre, SD 57501  
(605) 773-5511/Fax: (605) 773-6245

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act

State and local programs for economically disadvantaged adults and youth.

Grant Gromley, Secretary  
South Dakota Department of Labor  
Kneip Building, 700 Governors Drive  
Pierre, SD 57501-2277  
(605) 773-3101/Fax: (605) 773-4211

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative  
O'Hare Lake Officer Center  
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(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Chip Harris, Director  
Aviation Education Resource Center  
Sisseton Wahpeton Community College  
Office of Planning and Development  
Old Agency Box 689  
Sisseton, SD 57262-0689  
(605) 698-3966

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop OCPI  
Denver, CO 80202-2405  
(303) 312-6605/Fax: (303) 294-7665

### The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
One Denver Place  
999 18th Street  
Denver, CO 80202-2405  
(303) 294-1113/Fax: (303) 294-7665

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

NASA Regional Teacher Resource Center  
T.I.E. Office  
1925 Plaza Boulevard  
Rapid City, SD 57702  
(605) 394-1876

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Dakota Space Grant Consortium  
Institute of Atmospheric Sciences  
South Dakota School of Mines and Technology  
501 East St. Joseph Street  
Rapid City, SD 57701-3995  
(605) 394-1975

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

South Dakota's Statewide Systemic Initiatives Program establishes standards and outcomes and provides incentives for districts to analyze curricula and meet new State standards. The development of new methods of assessment, the improvement of teacher preparation, and the involvement of parents, communities, mathematicians, scientists, and businesses are all key aspects.

Margo Heinert, Project Director  
2510 East Franklin  
Pierre, SD 57501-3726  
(605) 773-6400/Fax: (605) 773-6052

# Wyoming

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Betty Holmes  
Interim 4-H Program Leader  
College of Agriculture  
University of Wyoming  
P.O. Box 3354  
Laramie, WY 82071  
(307) 766-5663

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Elaine Moore  
Wyoming Ag in the Classroom  
Wyoming Department of Agriculture  
2401 Highland Court  
Douglas, WY 82633  
(307) 385-6232

Lori Grass, President  
Wyoming Ag in the Classroom  
2219 Carey Avenue  
Cheyenne, WY 82002  
(307) 322-5727

## Department of Education (ED)

### Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director  
Eisenhower High Plains Consortium for  
Mathematics and Science  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387  
E-Mail: [jsutton@mcrel.org](mailto:jsutton@mcrel.org)



### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Judy Kishman, Coordinator  
Eisenhower Professional Development Program  
Wyoming Department of Education  
241 Hathaway Building  
Cheyenne, WY 82002-0050  
(307) 777-6216/Fax: (307) 777-6234

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Coordinator  
Eisenhower Professional Development Program  
Wyoming Department of Education  
241 Hathaway Building  
Cheyenne, WY 82002-0050  
(307) 777-6247/Fax: (307) 777-6234

### **Mid-continent Regional Educational Laboratory (McREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director  
Mid-continent Regional Educational Laboratory  
2550 South Parker Road, Suite 500  
Aurora, CO 80014  
(303) 337-0990/Fax: (303) 337-3005  
(800) 949-6387

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director  
Northwest Educational Technology Consortium  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3297  
(503) 275-0650/Fax: (503) 275-0449  
(800) 211-9435  
E-mail: hanflins@nwrel.org

## **Department of the Interior (DOI)**

### **Bighorn Canyon National Recreation Area**

Programs at the Bighorn Canyon National Recreation Area, including guided walks and teacher guides, focus primarily on the ecology of Bighorn Canyon.

Division of Interpretation  
Bighorn Canyon National Recreation Area  
P.O. Box 458  
Fort Smith, MT 59035  
(406) 666-2412

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
P.O. Box 1828, 2515 Warren Avenue  
Cheyenne, WY 82003  
(307) 775-6001

### **Devils Tower National Monument**

The Devils Tower National Monument offers guided walks and teacher guides that focus primarily on environmental education and the geology of Devils Tower.

Division of Interpretation  
Devils Tower National Monument  
Devils Tower, WY 82714  
(307) 467-5283

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for

grades K–12, are free to teachers who attend the training session.

Joe Vogier, Project WILD Coordinator  
Wyoming Game and Fish Department  
5400 Bishop Boulevard  
Cheyenne, WY 82002  
(307) 777-4538/Fax: (307) 777-4610

### **Yellowstone National Park**

Yellowstone National Park's program, "Expedition Yellowstone," offers teachers of grades 4–6 free use of Park facilities, free accommodations, and services of a Park ranger during the spring and fall for environmental education field trips. Teachers are required to register for the program and purchase curriculum materials. Due to the high number of requests, a lottery process determines which teachers can participate.

Interpretation Division  
Yellowstone National Park, WY 82190  
(307) 344-7381

### **Department of Labor (DOL)**

#### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Matthew K. Johnson  
Deputy Job Training Administrator  
Division of Employment Services  
Job Training Programs  
P.O. Box 2760  
Casper, WY 82602  
(307) 235-3611/Fax: (307) 235-3293

### **Department of Transportation (DOT)**

#### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified

by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

#### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

#### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

#### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
 FAA Aviation Education Representative  
 1601 Lind Avenue SW  
 Renton, WA 98055-4056  
 (206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 999 18th Street, Suite 500  
 One Denver Place, Mail Stop OCPI  
 Denver, CO 80202-2405  
 (303) 312-6605/Fax: (303) 294-7665

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
 One Denver Place  
 999 18th Street  
 Denver, CO 80202-2405  
 (303) 294-1113/Fax: (303) 294-7665

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
 Chief, Educational Programs Branch  
 NASA Ames Research Center  
 Mail Stop 204-12  
 Moffett Field, CA 94035  
 (415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
 Teacher Resource Laboratory  
 Teacher Resource Center  
 Mail Stop T12-A  
 Moffett Field, CA 94035-1000  
 (415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Wyoming  
NASA Regional Teacher Resource Center  
Learning Resource Center  
P.O. Box 3374 University Station  
Laramie, WY 82071-3374  
(307) 766-2527

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wyoming Space Grant Consortium  
University of Wyoming  
Department of Physics and Astronomy  
P.O. Box 3905, University Station  
Laramie, WY 82071-3905  
(307) 766-6267

# North Central

## Areas Served:

**Illinois, Indiana,  
Iowa, Michigan,  
Minnesota, Ohio,  
and Wisconsin**



# Midwest Consortium for Mathematics and Science Education

The Midwest Consortium for Mathematics and Science Education (MSC) provides direct technical assistance to State education agencies, intermediate State educational units, and local school districts to advance systemic reform of mathematics and science in the States of Illinois, Iowa, Indiana, Ohio, Michigan, Minnesota, and Wisconsin. Based on a student-centered learning philosophy and informed by best practice and research, technical assistance efforts are focused on helping to provide meaningful, purposeful, and engaging mathematics and science learning experiences for all students. Whenever and wherever possible, the appropriate use of technology to support and accelerate systemic reform is advocated.

## Beliefs

Systemic reform of mathematics and science education is a complex challenge that must be grounded in a well-defined set of beliefs. Because the system as a whole is the challenge, the beliefs must relate not only to the nature of learners and learning, but to organization and change theory as well. Finally, the beliefs must speak to the nature of interventions that are most likely to facilitate continuous improvement of mathematics and science learning for all students.

### *Beliefs About Students and Learning:*

- All students can benefit from meaningful and active engagement in learning.
- The knowledge, skills, and understanding necessary to become lifelong learners is best acquired when students are allowed to build on prior experiences and learning.
- Because each learner presents a unique set of experience and attributes, there is a variety of methods and approaches that will result in meaningful learning.
- The only constant across all learners is that when they are allowed to practice learning that is hands-on, minds-on, and authentic, they are more likely to become highly motivated and self-directed.

- The acquisition of knowledge, skills, and understanding is best demonstrated through a variety of assessment practices, providing multiple opportunities to gauge the level of learning relative to well-defined expectations.

### *Beliefs About the Nature of the Education Enterprise:*

- The most significant element of the Education Enterprise is the instruction that takes place within the classroom.
- Dedicated teachers constantly seek to improve their practices and willingly adapt and adopt new approaches they believe to be consistent with the goal of enhanced learning for their students.
- Enhanced educational leaders empower teachers to be creative and inventive in their choice of teaching practice and provide support that facilitates improved learning.
- Standards and curriculum frameworks exist to shape and guide practice and are used most effectively when education professionals are involved in their development and are given the opportunity to understand and apply them to learning for students.
- Assessment systems must exist for the primary purpose of informing instructional choice and therefore must be embedded in the learning process, varied in its methodology, and focused on application and performance that demonstrates the acquisition of expected skills, knowledge, and understanding.
- Technology provides a powerful tool that can both enhance and facilitate student learning and therefore it should be available and used by all teachers and students.



### *Beliefs About System Interventions:*

- Systemic reform of education must address all elements of the instructional system.
- Systemic reform of education should have continuous improvement of student learning as a fundamental goal.
- Systemic reform efforts must empower and engage all stakeholders in the process of seeking continuous improvement of the system.
- Interventions that result in systemic reform must provide for long-term, follow-up support of efforts that result in improvement of instructions and learning for all students.

### **Mission**

The mission of the MSC is to advance systemic change in mathematics and science education through: (1) collaboration with institutions and agencies within the region; (2) direct services and technical assistance to school districts, schools, teachers, and administrators to support high priority initiatives; (3) support that will result in the development and implementation of standards, curriculum, assessment, and performance indicators that challenge students to higher levels of attainment; (4) identification and dissemination of resources, methods, materials, and practices that expand learning beyond the classroom through information education agencies and electronic media; and (5) access to networks of instructional resources and materials that will result in improved learning for all students.

### **Objectives**

MSC will continue to collaborate, coordinate, network, and link with partners throughout the region including State departments of education, intermediate units, and other programs that are interested in systemic improvement of mathematics, science, and technology. MSC plans to advance the systemic reform of mathematics and science education through the accomplishment of the following six objectives:

1. MSC will facilitate and engage in collaborative efforts with teachers, administrators, and professional organizations to build capacity and leverage resources to achieve the outcome of systemic reform of mathematics and science education throughout the region.
2. MSC will establish and implement a process to identify high impact, high priority projects, products,

and services that respond to the needs of our collaborative partners. MSC will develop relationships with two or three "intensive" sites in each State to collaboratively research and develop materials and processes that support improved student learning strategies and achievement.

3. MSC will provide training and technical assistance to teachers, administrators, and other educators, which will enable them to continuously improve teaching and learning in mathematics and science. Special emphasis will be placed on the use of technology.
4. MSC will work through the National Organization Task Force on Informal Education, energy labs, museums, and other informal education entities to promote the increase use of informal education resources.
5. MSC will work through its collaborative regional networks, other Consortia, and the Eisenhower National Clearinghouse for Mathematics and Science Education to identify and describe exemplary resources and best instructional practices.
6. MSC will initiate evaluation and data collection related to intended outcomes to determine effectiveness and impact of Consortium activities in districts selected for intensive partnerships.

Dr. Gilbert Valdez, Director  
Dr. Marvin Christensen, Science and Professional Development Specialist  
Cathy Cook, Mathematics/Science Professional Development Specialist  
Gisele Hennings, Project Specialist  
Teresa McMahon, Evaluation and Assessment Specialist  
Cynthia Patteson, Mathematics and Technology Specialist  
Aggie Vanhuis, Administrative Assistant  
Amy Jovanovich, Program Secretary

Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 571-4700/Fax: (630) 571-4716  
WWW: <<http://www.ncrel.org/msc/msc.htm>>

# Illinois

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. David D. Pyle  
Assistant Director, 4-H  
University of Illinois  
302 East John, Suite 1901  
Champaign, IL 61820  
(217) 333-0910

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Stacy Shane  
Illinois Farm Bureau  
Field Services Division  
1701 Towanda Avenue  
Bloomington, IL 61702-2901  
(309) 557-3334/Fax: (309) 557-2170

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

## Department of Defense (DoD)

### Army Construction Engineering Research Laboratories

The Army Construction Engineering Laboratories offer high school students apprenticeship programs designed to increase scientific knowledge through hands-on experiences.

Equal Employment Opportunity Office  
U.S. Army Construction Engineering Research  
Laboratories (USACERL)  
P.O. Box 9005  
Champaign, IL 61826-9005  
(217) 373-7279  
(800) 872-2375

### Naval Training Center, Great Lakes

The Naval Training Center (NTC) at Great Lakes participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

NTC Great Lakes IL  
Commander  
Naval Training Center  
Code PAO  
Great Lakes, IL 60088-5000  
(708) 688-6706

### Rock Island Arsenal Museum

Exhibits within the Rock Island Arsenal Museum illustrate the development of technology within the production of weaponry. A large number of historic and modern small arms are on display.

Rock Island Arsenal Museum  
Attention: SIORI-CFM  
Rock Island, IL 61299-5000  
(309) 782-5021

### Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Linda Steele  
Army Chemical and Biological Defense Agency  
(CBDCOM)  
SCBRD-ED(RI)  
Rock Island Arsenal, IL 61299-7410  
(309) 782-8061/4338

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science  
Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Warren Lionberger, Manager  
Program Support Section  
Eisenhower Professional Development Program  
Illinois State Board of Education  
100 North First Street  
Springfield, IL 62777-0001  
(217) 782-3810/Fax: (217) 524-6125

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. James C. Forstall  
Associate Director for Academic Affairs  
Eisenhower Professional Development Program  
Illinois State Board of Higher Education  
500 Reisch Building  
Four West Old Capitol Square  
Springfield, IL 62701  
(217) 782-7184/Fax: (217) 782-8548

### **Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

### **North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in  
Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## **Department of Energy (DOE)**

### **Argonne National Laboratory**

Argonne National Laboratory offers students research apprenticeship programs and sponsors contests, lectures, laboratory tours, and video series, as well as educational conferences and workshops. Student apprenticeships and research participation opportunities are offered for students in grades 10-12. Junior high school and high school teachers are

eligible for teacher development and research participation appointments usually held during the summer months.

Margret E.M. Tolbert, Ph.D., Director  
Division of Educational Programs  
Argonne National Laboratory  
9700 South Cass Avenue, Building 223  
Argonne, IL 60439  
(708) 252-4114/Fax: (708) 252-3193  
E-mail: tolbert@woody.dep.anl.gov

### **Fermi National Accelerator Laboratory**

Fermi National Accelerator Laboratory, through its Leon M. Lederman Science Education Center, offers institutes, workshops, and research experiences for teachers; a Teacher Resource Center, including an Eisenhower National Clearinghouse Demonstration site; and onsite environmental and physical science experiences, apprenticeships, and informal classes for students.

Marge Bardeen, Education Office  
Fermi National Accelerator Laboratory  
MS 226, P.O. Box 500  
Batavia, IL 60510  
(708) 840-3092/Fax: (708) 840-8248  
E-mail: mbardeen@fnal.gov

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Crab Orchard National Wildlife Refuge**

Wildlife management and environmental education are emphasized in summer teacher workshops and youth camps at the Crab Orchard National Wildlife

Refuge. Guided tours and curriculum materials are available upon request.

Public Use Manager  
Crab Orchard National Wildlife Refuge  
P.O. Box J  
Carterville, IL 62918  
(618) 997-3344

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kathleen M. Andrews  
Project WILD Coordinator  
Kids for Conservation  
Illinois Department of Conservation  
524 South Second Street, Room 515  
Springfield, IL 62701-1787  
(217) 524-4126/Fax: (217) 782-9552

Ann Pictor, Project WILD Coordinator  
Illinois Board of Education  
100 North First Street  
Springfield, IL 62777  
(217) 782-2826/Fax: (217) 782-6097

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Herbert D. Dennis, Manager  
JTPA Programs Division  
Illinois Department of Commerce and Community Affairs  
620 East Adams, Sixth Floor  
Springfield, IL 62701  
(217) 785-6006/Fax: (217) 785-6454

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Paul McLaughlin  
Associate Vice President and Dean  
Aviation Education Resource Center  
Parks College of St. Louis University  
500 Falling Springs Road  
Cahokia, IL 62206  
(618) 337-7500, ext. 364

Richard M. Ware  
Division of Aeronautics  
Aviation Education Resource Center  
State of Illinois  
One Langhorne Bond Drive, Capital Airport  
Springfield, IL 62707-8415  
(217) 785-8516

Dr. Elaine Vitello  
Aviation Education Resource Center  
Southern Illinois University  
College of Technical Careers, Room 222  
Carbondale, IL 62901  
(618) 453-8821

Christine Wedam Rosario  
Northeastern Illinois University  
College of Education  
Chicago Teachers' Center  
770 North Halsted Street, Suite 420  
Chicago, IL 60622-5972  
(312) 733-7330



## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604  
(312) 886-0995/Fax: (312) 353-1155

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston  
Acting Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135-3191  
(216) 433-2957

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135-3191  
(216) 433-2017

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities,



museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Chicago Museum of Science and Industry  
NASA Regional Teacher Resource Center  
57th Street and Lakeshore Drive  
Chicago, IL 60637-2093  
(312) 684-1414, ext. 2426

Parks College of St. Louis University  
NASA Regional Teacher Resource Center  
Route 157 and Falling Springs Road  
Cahokia, IL 62206  
(618) 337-7500

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Illinois Space Grant Consortium  
Aeronautical and Astronautical Engineering  
Department  
104 South Wright Street  
3067 Talbot Lab  
University of Illinois at Urbana-Champaign  
Urbana, IL 61801  
(217) 244-7646

## **Indiana**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Maurice S. Kramer, Assistant Director  
Department Head, 4-H and Youth Development  
1161 Agriculture Administration Building  
Purdue University  
West Lafayette, IN 47907-1161  
(317) 494-8422

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pam Bright  
Office of Commission  
150 West Market, Suite 414  
Indianapolis, IN 46024  
(317) 232-8759

Harry L. Pearson  
Indiana Farm Bureau  
P.O. Box 1290  
Indianapolis, IN 46206  
(317) 692-7851/Fax: (317) 692-7854

### **Department of Commerce (DOC)**

#### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Phyllis L. Usher  
Eisenhower Professional Development Program  
Indiana Department of Education  
229 State House  
Indianapolis, IN 46204-2798  
(317) 232-6984/Fax: (317) 232-9121

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Karen Rasmussen/Wendy Togneri  
Associate Commissioner  
Planning & Policy Studies  
Eisenhower Professional Development Program  
Indiana Commission for Higher Education  
101 West Ohio, Suite 550  
Indianapolis, IN 46204-1909  
(317) 464-4400/Fax: (317) 464-4410

### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Indiana Dunes National Lakeshore

Indiana Dunes National Lakeshore programs, including guided walks and teacher guides, focus on lakeshore ecology.

Division of Interpretation  
Indiana Dunes National Lakeshore  
1100 North Mineral Springs Road  
Porter, IN 46304  
(219) 926-7561

### **Muscatatuck National Wildlife Refuge**

With a focus on waterfowl management, the Muscatatuck National Wildlife Refuge offers an orientation to the refuge, an audiovisual presentation, and self-guided walks.

Division of Interpretation  
Muscatatuck National Wildlife Refuge  
12985 East U.S. Highway 50  
Seymour, IN 47274  
(812) 522-4352/Fax: (812) 522-6826

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Warren Gartner, Project WILD Coordinator  
Indiana Department of Natural Resources  
6013 Lakeside Boulevard  
Indianapolis, IN 46278-1996  
(317) 290-3223/Fax: (317) 290-3225

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Bruce F. Kearney, Acting Commissioner  
Indiana Department of Workforce Development  
10 North Senate Avenue, Room 302  
Indianapolis, IN 46204  
(317) 232-7670/Fax: (317) 233-4793

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Aviation Education Workshops for Teachers**

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FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
 FAA Aviation Education Representative  
 O'Hare Lake Officer Center  
 2300 East Devon Avenue  
 Des Plaines, IL 60018  
 (708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Hassan Chaharlang, ICPAC Hotline Director  
 Indiana College of Placement & Assessment  
 Center  
 2805 East 10th Street  
 Bloomington, IN 47408  
 (812) 855-8475

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
 FAA Aviation Education Representative  
 O'Hare Lake Officer Center  
 2300 East Devon Avenue  
 Des Plaines, IL 60018  
 (708) 294-7042/Fax: (708) 294-7368

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 77 West Jackson Boulevard, Mail Stop PI-19J  
 Chicago, IL 60604  
 (312) 353-3209/Fax: (312) 353-1155

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
 77 West Jackson Boulevard  
 Chicago, IL 60604  
 (312) 886-0995/Fax: (312) 353-1155

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

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Jo Ann Charleston  
Acting Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135-3191  
(216) 433-2957

### NASA Teacher Resource Center

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NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135-3191  
(216) 433-2017

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Evansville  
NASA Regional Teacher Resource Center  
School of Education  
1800 Lincoln Avenue  
Evansville, IN 47722  
(812) 479-2393

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Indiana Space Grant Consortium  
School of Aeronautics and Astronautics  
1282 Grissom Hall, Purdue University  
West Lafayette, IN 47907-1282  
(317) 494-5117

## Iowa

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Joseph R. Kurth  
Director for Youth and 4-H  
32 Curtiss Hall  
Iowa State University  
Ames, IA 50011  
(515) 294-1018

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara J. Lykins  
Iowa Farm Bureau Federation  
5400 University  
West Des Moines, IA 50265-5997  
(515) 225-5425/Fax: (515) 225-5419

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. John Wheeler, Chief  
Bureau of Instructional Services  
Eisenhower Professional Development Program  
Iowa Department of Education  
Grimes State Office Building  
Des Moines, IA 50319-0145  
(515) 281-3874/Fax: (515) 242-5988

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Robert J. Barak, Deputy Executive Director  
Eisenhower Professional Development Program  
Iowa State Board of Regents  
East 12th Street and Grand Avenue  
Old Historical Building  
Des Moines, IA 50319  
(515) 281-3934/Fax: (515) 281-6420

### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## Department of Energy (DOE)

### Ames Laboratory

Ames Laboratory offers teacher workshops in science and mathematics. Educational programs, including contests, classes, and mentoring, are also available for students.

Connie Hargrave, Manager  
Ames Laboratory Education Programs  
252 TASF  
Ames Laboratory  
Iowa State University  
Ames, IA 50011  
(515) 294-5343/Fax: (515) 294-9682  
E-mail: cph@iastate.edu



## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **DeSoto National Wildlife Refuge**

DeSoto National Wildlife Refuge offers guided walks and materials that focus on prairie ecology, bird migration, and basic environmental education.

Outdoor Recreation Planner  
DeSoto National Wildlife Refuge  
Rural Route 1, Box 114  
Missouri Valley, IA 51555  
(712) 642-4121/Fax: (712) 271-4210

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Duane Toomsen, Project WILD Coordinator  
Department of Public Instruction  
Grimes State Office Building  
Des Moines, IA 50309  
(515) 281-3146/Fax: (515) 242-6025

Barb Giger, Aquatic WILD Coordinator  
Department of Natural Resources  
2473 160th Road  
Guthrie Center, IA 50115  
(515) 747-2200/Fax: (515) 747-3951

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Jeff Nall, Administrator  
Division of Workforce Development  
Iowa Department of Economic Development  
150 Des Moines Street  
Des Moines, IA 50309  
(515) 281-9013/Fax: (515) 242-9033

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10  
FAA Aviation Education Representative  
601 East 12th Street  
Federal Building, Room 1501  
Kansas City, MO 64106  
(816) 426-3046/Fax: (816) 426-3091

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

### **Federal Aviation Administration (FAA) Aviation Education Representative**

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Maria Navarro, ACE-10  
 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

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Julie Wilkinson  
 IRTS  
 Aviation Education Resource Center  
 The University of Northern Iowa  
 222 Schindler Education Center  
 Cedar Falls, IA 50614-0610  
 (319) 273-2717

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10  
 FAA Aviation Education Representative  
 601 East 12th Street  
 Federal Building, Room 1501  
 Kansas City, MO 64106  
 (816) 426-3046/Fax: (816) 426-3091

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 726 Minnesota Avenue  
 Kansas City, KS 66101  
 (913) 551-7003/Fax: (913) 551-7066

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA

BEST COPY AVAILABLE

has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7  
726 Minnesota Avenue  
Kansas City, KS 66101  
(913) 551-7003/Fax: (913) 552-7006

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt  
Acting Director, Education Programs Office  
Mail Code CL01  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 544-8800

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
NASA Teacher Resource Center for Marshall  
Space Flight Center  
P.O. Box 070015  
Huntsville, AL 35807-7015  
(205) 544-5812

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Northern Iowa  
NASA Regional Teacher Resource Center  
IRTS, Room 222, Schindler Education Center  
Cedar Falls, IA 50614-0009  
(319) 273-6066

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Iowa Space Grant Consortium  
408 Town Engineering Building  
Iowa State University  
Ames, IA 50011-3231  
(515) 294-3106

## Michigan

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Sandy Clarkson, Associate Program Director  
4-H Youth Program  
6H Berkey Hall  
Michigan State University  
East Lansing, MI 48824-1111  
(517) 355-0180

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Eddie Moore  
Michigan State University  
410 Agriculture Hall  
East Lansing, MI 48824  
(517) 355-6580/Fax: (517) 323-1888

Julie Chamberlain  
Michigan Farm Bureau  
7373 West Saginaw Highway  
Lansing, MI 48909  
(517) 323-7000/Fax: (517) 323-6793

## **Department of Commerce (DOC)**

### **Great Lakes Environmental Research Laboratory**

The Great Lakes Environmental Research Laboratory participates in a local partnership program and offers tours of Laboratory facilities and discussion on Great Lake problems.

Tom Nalepa  
Great Lakes Environmental Research Laboratory  
National Oceanic and Atmospheric  
Administration  
2205 Commonwealth Boulevard  
Ann Arbor, MI 48105-1593  
(313) 741-2285/Fax: (313) 741-2055

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Sue K. Harrison  
Eisenhower Professional Development Program  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-1236/Fax: (517) 335-2473

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Barbara Johnson  
Eisenhower Professional Development Program  
Michigan Department of Education  
Higher Education Management Services  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-8577/Fax: (517) 373-2759

### **Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### **North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in  
Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Isle Royale National Park**

Summer programs at the Isle Royale National Park offer curriculum-related information on natural resource issues to students in grades 3-6. Park rangers visit schools in the winter.

Division of Interpretation  
Isle Royale National Park  
800 East Lakeshore Drive  
Houghton, MI 49931-1895  
(906) 482-8753

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dale Elshoff, Project WILD Coordinator  
Tollgate Education Center  
28115 Meadowbrook Road  
Novi, MI 48377-3128  
(810) 347-3860/Fax: (810) 347-3862

### **Seney National Wildlife Refuge**

Spring and fall environmental education programs at the Seney National Wildlife Refuge inform students about wildlife management. Guided walks and in-class presentations are also available.

Division of Interpretation  
Seney National Wildlife Refuge  
HCR #2, Box 1  
Seney, MI 49883  
(906) 586-9851/Fax: (906) 586-3800

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Douglas E. Stites, Vice President  
Michigan Jobs Commission  
P.O. Box 30015  
Lansing, MI 48909  
(517) 373-6227/Fax: (517) 373-0314



## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Karen Conrad, Interim Director  
Aviation Education Resource Center  
Oakland University  
Aviation and Space Center  
216 O'Dowd Hall, Room 216  
Rochester, MI 48309-4401  
(313) 370-2485

Barbara Koscak  
Aviation Education Resource Center  
Project STARS  
P.O. Box 450082, Building 814  
Selfridge ANG Base, MI 48045  
(313) 466-4884

Thomas Krashen, Manager  
Michigan Department of Transportation  
Bureau of Aeronautics  
2700 East Airport Service Drive  
Lansing, MI 48906  
(517) 335-9977

### National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.



Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604  
(312) 886-0995/Fax: (312) 353-1155

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston  
Acting Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135-3191  
(216) 433-2957

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135-3191  
(216) 433-2017

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Central Michigan University  
NASA Regional Teacher Resource Center  
Ronan Hall, Room 101  
Mt. Pleasant, MI 48859  
(517) 774-4387

Northern Michigan University  
NASA Regional Teacher Resource Center  
Olson Library Media Center  
Marquette, MI 49855  
(906) 227-2270

Oakland University  
NASA Regional Teacher Resource Center  
O'Dowd Hall, Room 216  
Rochester, MI 48309-4401  
(313) 370-2485/4230

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Michigan Space Grant Consortium  
2106 SRB, University of Michigan  
Ann Arbor, MI 48109-2143  
(313) 764-9508

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

One goal of Michigan's Statewide Systemic Initiatives Program is to summarize research on new kinds of science and mathematics teaching. Other goals include increasing State guidance for local efforts, creating schools to address needs of low-achieving and disadvantaged populations, redesigning teacher education, and stimulating and supporting district efforts.

Nancy Mincemoyer  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-4990/Fax: (517) 373-3241

Teresa Staten  
Michigan Department of Education  
P.O. Box 30008  
Lansing, MI 48909  
(517) 373-7248/Fax: (517) 373-4589

# Minnesota

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Richard Byrne, Director, 4-H  
1420 Eckles Avenue, 340 Coffey Hall  
University of Minnesota  
St. Paul, MN 55108  
(612) 625-1235

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Alan Withers  
Minnesota Department of Agriculture  
90 West Plato Boulevard  
St. Paul, MN 55107  
(612) 296-6688/Fax: (612) 297-5522

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Robert Crumpton  
Eisenhower Professional Development Program  
Minnesota Department of Education  
Capitol Square Building, Room 922  
St. Paul, MN 55101  
(612) 296-2703/Fax: (612) 296-3272

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nancy B. Walters  
Eisenhower Mathematics and Science Program  
Minnesota Higher Education Coordinating Board  
Capitol Square Building, Suite 400  
550 Cedar Street  
St. Paul, MN 55101  
(612) 296-9777/Fax: (612) 297-8880

### Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

## Minnesota Valley National Wildlife Refuge

In addition to environmental education programs, the Minnesota Valley National Wildlife Refuge offers plant and animal exhibits, interactive displays, computer programs, and interpretive lectures.

Public Use Manager  
Minnesota Valley National Wildlife Refuge  
3815 East 80th Street  
Bloomington, MN 55425-1600  
(612) 854-5900/Fax: (612) 725-3279

## Pipestone National Monument

Anthropological- and geological-related lectures are available at the Pipestone National Monument.

Division of Interpretation  
Pipestone National Monument  
Box 727  
Pipestone, MN 56164  
(507) 825-5464

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jan Orr, Acting Project WILD Coordinator  
Department of Natural Resources  
500 Lafayette Road, Box 7  
St. Paul, MN 55155  
(612) 297-4966/Fax: (612) 297-4961

## Voyageurs National Park

The Voyageurs National Park offers environmental education programs targeted primarily to 4th graders, although arrangements can be made for students of other age groups.

Division of Interpretation  
Voyageurs National Park  
P.O. Box 50  
International Falls, MN 56649-8904  
(218) 283-9821

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Byron Lee Zuidema, Assistant Commissioner  
Community Based Services  
Minnesota Department of Jobs and Training  
390 North Robert Street, Fifth Floor  
St. Paul, MN 55101  
(612) 296-4657/Fax: (612) 296-5745

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Gordon Hoff, Director  
Aviation Education Resource Center  
Minnesota DOT Office of Aeronautics  
Aviation Education Relations  
222 East Plato Boulevard  
St. Paul, MN 55107-1618  
(612) 297-7652

Julius Salinas, Aviation Director  
Aviation Education Resource Center  
Vermilion Community College  
1900 East Camp Street  
Ely, MN 55731  
(218) 365-7200

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Environmental Protection Agency (EPA)**

#### **Environmental Research Laboratory**

In addition to teacher workshops, Minnesota's Environmental Research Laboratory provides environmental programs for students at various grade levels, curriculum materials, and science fairs. Laboratory tours may also be arranged.

Bob Drummond  
U.S. Environmental Protection Agency  
Environmental Research Laboratory  
6201 Congdon Boulevard  
Duluth, MN 55804  
(218) 702-5733

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155



## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604  
(312) 886-0995/Fax: (312) 353-1155

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston  
Acting Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135-3191  
(216) 433-2957

### **NASA Teacher Resource Center**

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135-3191  
(216) 433-2017

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Mankato State University  
NASA Regional Teacher Resource Center  
Department of Curriculum and Instruction  
MSU Box 52, P.O. Box 8400  
Mankato, MN 56002-8400  
(507) 389-5710/1516

St. Cloud State University  
Center for Information Media  
NASA Regional Teacher Resource Center  
720 Fourth Avenue, South  
St. Cloud, MN 56301  
(612) 255-2062

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.



Minnesota Space Grant Consortium  
University of Minnesota, Main Campus  
107 Ackerman Hall  
110 Union Street SE  
Minneapolis, MN 55455  
(612) 625-9002

## Ohio

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. R. Kirby Barrick  
Acting Assistant Director and State Leader  
4-H Youth Development  
The Ohio State University  
Agriculture Administration Building  
2120 Fyffe Road  
Columbus, OH 43210-1084  
(614) 292-6996

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Judy Roush  
Agriculture Awareness Council  
P.O. Box 479  
Columbus, OH 43216-0479  
(614) 249-2429/Fax: (614) 644-5702

### Department of Commerce (DOC)

#### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction

to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

### Old Woman Creek National Estuarine Research Reserve

The Old Woman Creek National Estuarine Research Reserve offers teacher workshops that train teachers on how to use the reserve as an outdoor laboratory. Reservations are required.

Linda Feix, Education Coordinator  
Old Woman Creek National Estuarine Research  
Reserve  
2514 Cleveland Road, East  
Huron, OH 44839  
(419) 433-4601/Fax: (419) 433-2851

### Department of Defense (DoD)

#### Wright Patterson Air Force Base and Wright Laboratory

Wright Patterson Air Force Base and Wright Laboratory offer programs for both teachers and students, including the Wright State Engineering Precollege Program, which is a partnership among the Air Force, the private sector, and Wright State University. Programs are designed for educators and students within the Dayton area. In addition, Wright Patterson Air Force Base houses the Air Force Museum.

Education Coordinator  
WL-DOOP  
Wright Patterson AFB, OH 45433  
(513) 255-5573

### Department of Education (ED)

#### Eisenhower National Clearinghouse for Mathematics and Science Education (ENC)

The Eisenhower National Clearinghouse for Mathematics and Science Education is funded through the

U.S. Department of Education to provide K–12 teachers with a central source of information on mathematics and science curriculum materials.

Len Simutis, Director  
Eisenhower National Clearinghouse for  
Mathematics and Science Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210–1079  
(614) 292–7784/Fax: (614) 292–2066  
(800) 621–5785  
E-mail: info@enc.org

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Greg M. Stubbs  
Eisenhower Professional Development Program  
Ohio Department of Education  
65 South Front Street, Room 611  
Columbus, OH 43215–4183  
(614) 752–9573/Fax: (614) 728–3058

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Marlene Rushay  
Eisenhower Professional Development Program  
Ohio Board of Regents, 36th Floor  
3600 State Office Tower  
30 East Broad Street  
Columbus, OH 43266–0417  
(614) 752–9475/Fax: (614) 466–5866

### **ERIC Clearinghouse for Science, Mathematics, and Environmental Education**

The Clearinghouse's mission is to facilitate improved teaching, learning, and research in science, mathematics, and environmental education through the

active exchange of information and services. As a component of the Educational Resources Information Center (ERIC), the Clearinghouse collects, abstracts, and indexes materials for the ERIC database, the world's largest and most heavily used education-related information resource. The database contains more than 850,000 records of reports, journal articles, instructional materials, and other items, and is accessible electronically through the Internet and at more than 1,000 physical locations around the world. The Clearinghouse staff also serve educators at all levels by answering questions, providing training in use of the database, distributing educational materials electronically, disseminating practical information and documents to teachers and the general public, and developing publications used by teachers, parents, administrators, curriculum specialists, and others.

David Haury, Director  
ERIC Clearinghouse for Science, Mathematics, and  
Environmental Education  
The Ohio State University  
1929 Kenny Road  
Columbus, OH 43210–1080  
(614) 292–6717/Fax: (614) 292–0263  
(800) 276–0462  
E-mail: ericse@osu.edu

### **Midwest Consortium for Mathematics and Science Education**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science  
Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571–4700/Fax: (630) 571–4716

### **North Central Regional Educational Laboratory (NCREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudó,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of Energy (DOE)**

### **Fernald Environmental Management Project**

The Fernald Environmental Management Project manages programs for both students and teachers. In addition, the project sponsors a speaker's bureau, academic competitions, and science fairs.

Sue Walpole, Public Affairs  
Fernald Environmental Management Project  
P.O. Box 538704  
Cincinnati, OH 45253-8704  
(513) 648-6321/Fax: (513) 648-6903  
E-mail: Susan.Walpole@em.doe.gov

### **Mound Facility**

The Mound Facility provides teacher workshops, in-class science demonstrations, teacher research associateships, tutoring and mentoring activities, and academic competitions.

Lucy Anne McKosky  
Education Outreach Coordinator  
EG&G Mound Applied Technologies, Inc.  
P.O. Box 3000  
Miamisburg, OH 45343-3000  
(513) 865-4332/Fax: (513) 865-3952  
E-mail: mcKola@DOE.MD.GOV

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Cuyahoga Valley National Recreation Area**

Cuyahoga Valley National Recreation Area offers environmental programs both onsite and in the classroom. Guided nature walks are available. Cuyahoga is developing an environmental residence center that provides resources and programs.

Division of Interpretation  
Cuyahoga Valley National Recreation Area  
15610 Vaughn Road  
Brecksville, OH 44141  
(216) 526-5256

### **Ottawa National Wildlife Refuge**

Environmental education programs at the Ottawa National Wildlife Refuge include guided tours and teacher guides and workshops.

Outdoor Recreation Planner  
Ottawa National Wildlife Refuge  
14000 West State Road, Route 2  
Oak Harbor, OH 43449  
(216) 898-0014/Fax: (216) 898-7895

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Paul Schiff, Project WILD Coordinator  
Ohio Division of Wildlife  
1840 Belcher Drive, Fountain Square G-1  
Columbus, OH 43224  
(614) 265-6316/Fax: (614) 262-1171

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Evelyn Bissonnette, Director  
Job Training Partnership-Ohio Division  
Ohio Bureau of Employment Services  
145 South Front Street, Fourth Floor  
Columbus, OH 43215  
(614) 466-3817/Fax: (614) 752-6582

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Stephen M. Quilty, AAE  
Aviation Education Resource Center  
Bowling Green State University  
Assistant Professor, Aerotechnology Program  
Technology Annex  
Bowling Green, OH 43403-0307  
(419) 372-8926

### National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

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Lee Carlson, AGL-11  
 FAA Aviation Education Representative  
 O'Hare Lake Officer Center  
 2300 East Devon Avenue  
 Des Plaines, IL 60018  
 (708) 294-7042/Fax: (708) 294-7368

## Environmental Protection Agency (EPA)

### Center for Environmental Learning

The Center for Environmental Learning coordinates environmental education programs for both the Risk Reduction and the Environmental Monitoring Systems Laboratories. The Center sponsors environmental conferences and conventions, the development of curriculum materials, and a variety of programs for students in grades K-12.

Environmental Education Coordinator  
 Center for Environmental Learning  
 26 West Martin Luther Avenue  
 Cincinnati, OH 45268  
 (513) 569-7212/Fax: (513) 569-7770

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 77 West Jackson Boulevard, Mail Stop PI-19J  
 Chicago, IL 60604  
 (312) 353-3209/Fax: (312) 353-1155

### The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition.

Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
 77 West Jackson Boulevard  
 Chicago, IL 60604  
 (312) 886-0995/Fax: (312) 353-1155

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston  
 Acting Chief, Office of Educational Programs  
 NASA Lewis Research Center  
 21000 Brookpark Road, Mail Stop 7-4  
 Cleveland, OH 44135-3191  
 (216) 433-2957

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
 Teacher Resource Center  
 21000 Brookpark Road, Mail Stop 8-1  
 Cleveland, OH 44135-3191  
 (216) 433-2017

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## **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Cincinnati  
NASA Regional Teacher Resource Center  
Curriculum Resources Center  
Mail Location 0219  
600 Blegen Library  
Cincinnati, OH 45221-0219  
(513) 556-1430

## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Ohio Space Grant Consortium  
Ohio Aerospace Institute  
22800 Cedar Point Road  
Brook Park, OH 44142  
(216) 962-3020

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Components of Ohio's Statewide Systemic Initiatives Program include the creation of a framework and process for preservice education and sustained professional development of mathematics and science teachers. Regional centers that are staffed by teams of mathematicians, scientists, and educators focus on content areas and inquiry-based instruction.

Jane Butler Kahle  
Miami University  
Oxford, OH 45056  
(513) 529-1686/Fax: (513) 529-2110

Kenneth G. Wilson  
The Ohio State University  
Department of Physics  
174 West 18th Avenue  
Columbus, OH 43210-1106  
(614) 292-8686/Fax: (614) 292-3221

# **Wisconsin**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. David Running  
State 4-H Program Leader  
University of Wisconsin  
610 Langdon Street, 328 Lowell Hall  
Madison, WI 53703  
(608) 263-1095

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Bob Leege  
Wisconsin Farm Bureau  
7010 Mineral Point Road  
Madison, WI 53705  
(608) 833-8070

## **Department of Commerce (DOC)**

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are



available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner  
University of Wisconsin  
Wisconsin Sea Grant  
1800 University Avenue  
Madison, WI 53705-4094  
(608) 262-0644/Fax: (608) 263-2063

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. John C. Bell  
Eisenhower Professional Development Program  
Department of Public Instruction  
125 South Webster Street, P.O. Box 7841  
Madison, WI 53707-7841  
(608) 267-9270/Fax: (608) 267-1052

Dr. Gary Britton  
Eisenhower Professional Development Program  
University of Wisconsin Center  
400 University Drive  
West Bend, WI 53095  
(414) 335-5200/Fax: (414) 335-5220

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Gary Britton  
Eisenhower Professional Development Program  
University of Wisconsin Center  
400 University Drive  
West Bend, WI 53095  
(414) 335-5227/Fax: (414) 335-5220

## Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director  
Midwest Consortium for Mathematics and Science Education  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

## North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director  
North Central Regional Educational Laboratory  
1900 Spring Road, Suite 300  
Oak Brook, IL 60521  
(630) 571-4700/Fax: (630) 571-4716

## Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director  
North Central Regional Technology in Education Consortium  
North Central Regional Educational Laboratory  
1900 North Spring Road, Suite 300  
Oak Brook, IL 60521-1480  
(630) 218-1272/Fax: (630) 218-4989  
E-mail: rramirez@ncrel.org

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Valeri Humphrey, Project WILD Coordinator  
Wisconsin Department of Natural Resources  
Box 7921  
Madison, WI 53707  
(608) 266-0870/Fax: (608) 264-6293

### St. Croix National Scenic Riverway

In addition to in-school and onsite talks, St. Croix National Scenic Riverway offers a "Rivers are Alive" program to educate students about river ecosystems.

Division of Interpretation  
St. Croix National Scenic Riverway  
P.O. Box 708  
St. Croix Falls, WI 54024  
(715) 483-3284

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

June Suhling, Administrator  
Division of Employment and Training Policy  
(DETP)  
Wisconsin Department of Industry, Labor, and  
Human Relations  
201 East Washington Avenue  
Madison, WI 53707  
(608) 266-2439/Fax: (608) 267-2392

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

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FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Chuck Larsen, FAA Aviation Center  
Aviation Education Resource Center  
Experimental Aircraft Association  
3000 Poberezny Road  
Oshkosh, WI 54903-3065  
(414) 426-4800

Michael J. Wallschlaeger, Chairman  
Aviation Education Resource Center  
University of Wisconsin at Superior  
Division of Education  
1800 Grand Avenue  
Superior, WI 54880-2898  
(715) 394-8309

Duane Esse  
Aviation Education Resource Center  
DOT Bureau of Aeronautics  
4802 Sheboygan Avenue, P.O. Box 7914  
Madison, WI 53707-7914  
(608) 266-3351

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11  
FAA Aviation Education Representative  
O'Hare Lake Officer Center  
2300 East Devon Avenue  
Des Plaines, IL 60018  
(708) 294-7042/Fax: (708) 294-7368

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
77 West Jackson Boulevard, Mail Stop PI-19J  
Chicago, IL 60604  
(312) 353-3209/Fax: (312) 353-1155

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-

paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5  
77 West Jackson Boulevard  
Chicago, IL 60604  
(312) 886-0995/Fax: (312) 353-1155

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston  
Acting Chief, Office of Educational Programs  
NASA Lewis Research Center  
21000 Brookpark Road, Mail Stop 7-4  
Cleveland, OH 44135-3191  
(216) 433-2957

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center  
Teacher Resource Center  
21000 Brookpark Road, Mail Stop 8-1  
Cleveland, OH 44135-3191  
(216) 433-2017

## NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Wisconsin at LaCrosse  
NASA Regional Teacher Resource Center  
Murphy Library  
LaCrosse, WI 54601  
(608) 785-8148/8650

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wisconsin Space Grant Consortium  
University of Wisconsin at Milwaukee  
333 Architecture and Urban Planning Building  
2131 East Hartford Avenue  
Milwaukee, WI 53201-0413  
(414) 229-3878

# Northeast and Islands

## Areas Served:

**Connecticut, Maine,  
Massachusetts,  
New Hampshire,  
New York, Puerto Rico,  
Rhode Island, Vermont,  
and the Virgin Islands**



# The Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Alliance for Mathematics and Science Education Reform is 1 of 10 Eisenhower Mathematics and Science Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Alliance is managed by the Technical Education Research Centers (TERC), a non-profit education research and development organization, based in Cambridge, Massachusetts, and dedicated to improving mathematics and science learning.

The Alliance's goal is to provide professional development, technical assistance, information dissemination and other services to strengthen the efforts of State and local mathematics and science education reform leaders. To identify the reform leaders' highest priority needs, the Alliance created "statewide action teams" in each of the nine jurisdictions served. The 10 to 15 member action teams include a diverse group of State and local leaders: State science and mathematics supervisors, State Eisenhower coordinators, math and science teacher association leaders, Statewide Systemic Initiative (SSI) leaders; K-12 classroom teachers; building and district administrators; mathematics, science, and teacher education professors; and representatives from informal education institutions (e.g., museums).

The functions of the action teams are to (1) identify the highest priority needs in their State/island for Alliance services; (2) disseminate to team members' respective constituencies information about Alliance services, reform trends, exemplary programs and materials, and professional development opportunities; and (3) foster increased coordination among the wide array of State and local education reform initiatives within their State/island. An eighteen member Advisory Board, consisting of two representatives

per State, establishes regional priorities for resource allocation, ensures coordination across the region, and advises and guides the Alliance staff.

The Alliance supports four "regional networks," regionwide reform communities of State and local educators addressing key dimensions of mathematics/science/technology (MST) reform: Curriculum/Instruction/Assessment, Equity, K-16, and Public Engagement. Regional networks enable educators to collaborate in developing expertise related to curriculum framework implementation, assessment, equity, professional development, higher education/K-12 collaboration, and strategies for public awareness and engagement. Each regional network is overseen by a steering committee of two representatives per State which determines how best to allocate Alliance funds, staffing, and other resources to support a wide range of network initiatives including training of trainers, an annual network institute, an open Internet e-mail discussion group ("listserv"), newsletters highlighting coming events, policy developments and features on effective reform strategies, online calendar of professional development opportunities, pilot projects, and onsite follow-up technical assistance to participants in Alliance institutes and pilot activities.

The regional Curriculum/Instruction/Assessment network has collaborated with State framework implementation leaders to provide leadership training to local school and district teams. The Alliance has assisted framework leaders in one State to access the expertise and information available from another State in the region. It has supported the development of frameworks addenda designed to translate State frameworks into practical terms for schools. Along with Project 2061 and one SSI, the Alliance has enabled a cadre of trainers to learn about new training tools for professional development in standards-based curriculum and instruction.

The regional Equity network recently held its fourth



annual institute bringing national, State, and local equity leaders together to explore three promising school evaluation strategies for promoting equity in K-12 schools. These strategies entail gathering, analyzing, and publicizing data which assess impacts of schooling on students. This data is disaggregated by gender, race, socioeconomic status, and other key factors to determine whether certain groups of students are left behind in an effort to ensure high level achievement for all students. A plan emerged from the institute to assist interested school districts across the region to develop strong, data driven, local evaluation systems to inform their decisionmaking.

The regional K-16 network also held an annual institute for K-16 teams interested in a strategy to strengthen preservice and inservice education simultaneously known as "professional development schools." In a PDS site, postsecondary and K-12 institutions collaborate on teacher preservice training under the mentoring of experienced K-12 teachers. In PDSs, university faculty and local educators provide both preservice courses in the school sites as well as inservice training keyed to the professional development priorities articulated by school personnel. School and university partners work in action research teams to develop strategies to enhance preservice and inservice education. Institute participants heard from both mature and emerging PDS sites about the potential benefits and challenges in developing and sustaining PDSs. Participants identified a number of initiatives which the K-16 network will address, including publication of a journal on PDS partnerships, research on the impact of PDSs on student achievement and school climate, identification of policies regarding teacher certification, institutional accreditation, and faculty tenure and promotion which recognize and reward K-16 collaboration strategies.

Recently, the Alliance launched a Public Engagement network enabling representatives from each State to share strategies, materials, and information about efforts to communicate with and engage the public more closely in math and science reform. In the near future, the Alliance will establish an Informal Education network to enable museum and other informal science educators to share their work across the region.

Two principles have guided the Alliance's work since its inception: first, that Alliance resources should be devoted to making it easy, affordable, and satisfying for educators to collaborate with one another region-

ally in addressing significant MST reform concerns; and second, that Alliance clients should be provided with the means to set priorities for Alliance services, allocate its resources, and continuously evaluate the Alliance and hold it accountable for delivering on its promises to meet their most substantial needs. The Alliance has adopted a third important principle: to support and enable local K-12 educators to access the resources of the statewide action teams, regional networks, and the Alliance to meet their locally determined needs for math and science reform.

To meet this challenge, the Alliance launched a regionwide "Alliance Schools" initiative, a network of K-12 schools committed to systemic reform efforts and sustained partnerships with State and local leaders in math, science, and technology education. During 1995-96, 36 schools (4 per State/island) were selected by the Regional Alliance's State teams. Alliance Schools represent a cross-section of grade levels, demographics, and experience with MST reform; however, schools enrolling substantial numbers of underserved populations represent a majority of the school sites. Alliance School Partners include representatives of the region's State Systemic Initiatives (SSIs), leaders of the major State MST organizations, professional development specialists, museum and science center educators, and faculty from colleges and universities. The goals of the partnerships are to build capacity in each school to support comprehensive MST reform and to develop a model for replicating and expanding the number of partnerships across the region.

Each Alliance School must have a local plan for MST reform and the Regional Alliance supports an array of professional development and technical assistance opportunities based on the local plans and common issues and concerns across the schools. Schools that do not have e-mail and Internet access will receive accounts for participating teachers and the Alliance will use its extensive electronic networks to connect the schools to each other, their State partners, the Alliance staff and the wider educational community. Each school will be provided with a World Wide Web home page where faculty and students can publish information and share ideas and curriculum lessons. At the first Alliance Schools Institute, over 120 Alliance Schools educators and their State partners met for three days to further develop their professional community, their local MST plans, and their technical skills.

In addition, the Alliance is developing a *Systemic*

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*Reform Handbook* which will orient local educators to key MST reform dimensions, provide case descriptions of effective strategies regarding each reform dimension, describe how educators can link with others in the region who are undertaking these reforms, point readers to excellent information and resources available elsewhere in print and via Internet, and describe how to subscribe to Alliance networks and e-mail discussion groups.

The Alliance information, communication, and dissemination efforts are supported by The Hub, its electronic network. The Hub provides Web access to a wide range of resources and services, including listservs and discussion groups; statewide action team and regional network information; articles and information about mathematics, science, technology, equity, and other MST reform issues; online calendars of events; and links to other important State, regional, and national Web sites.

Mark Kaufman, Director Dr. Robert T. McLaughlin, Co-Director Jeanne Harmon, Alliance Schools Coordinator
--

Eisenhower Regional Alliance for Mathematics and  
Science Education Reform  
TERC

2067 Massachusetts Avenue  
Cambridge, MA 02140

(617) 547-0430/Fax: (617) 349-3535

E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu  
jeanne\_harmon@terc.edu

WWW: <<http://www.ra.terc.edu>>

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# Connecticut

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gene Whaples  
Assistant Director, 4-H  
University of Connecticut  
1376 Storrs Road, Box U-36  
Storrs, CT 06269-4036  
(203) 486-4127

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

John R.H. Blum  
Connecticut Department of Agriculture  
165 Capitol Avenue, Room 273  
Hartford, CT 06106  
(203) 566-4667/Fax: (203) 566-6576

Dr. Alfred Mannebach  
University of Connecticut  
249 Glenbrook Road  
Storrs, CT 06269-2093  
(203) 486-0246

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
New Hampshire-Maine Sea Grant  
Kingman Farm  
University of New Hampshire  
Durham, NH 03824-3512  
(603) 749-1565/Fax: (603) 743-3997

## Department of Defense (DoD)

### Nautilus Memorial/Submarine Force Library and Museum

This facility displays the evolution of submarine development from the Revolutionary War to modern submarine class. Visitors can tour the *Nautilus*, the world's first nuclear powered submarine. Reservations are requested for groups of 20 or more. Admission and parking are free.

Submarine Force Museum  
Submarine Base New London  
Groton, CT 06349-5571  
(860) 449-3558  
(800) 343-0079

### Naval Submarine Base, New London

The Naval Submarine Base at New London participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, Rhode Island, and Vermont.

COMSUBGRU TWO  
Commander  
Submarine Group Two  
Naval Submarine Base, New London  
Box 100  
Groton, CT 06349-5100  
(860) 449-2232

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

James Dargati  
Eisenhower Professional Development Program  
Connecticut Department of Education  
P.O. Box 2219  
Hartford, CT 06145  
(203) 566-6619/Fax: (203) 566-5623

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Connie Fraser  
Director, Legislative Services  
Eisenhower Professional Development Program  
Connecticut Department of Higher Education  
61 Woodland Street  
Hartford, CT 06105  
(203) 566-3640/Fax: (203) 566-7865

### **Northeast and Islands Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

### **Regional Alliance for Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

### **Department of the Interior (DOI)**

#### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

#### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be

limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals  
Minerals Management Service  
381 Eldon Street, MS 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Diane A. Chisnall-Joy  
Environmental Curriculum Coordinator  
Department of Environmental Protection  
79 Elm Street  
Hartford, CT 06106  
(203) 424-3599/Fax: (203) 566-7292

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

John E. Saunders, Deputy Commissioner  
Connecticut State Department of Labor  
200 Folly Brook Boulevard  
Wethersfield, CT 06109  
(203) 566-4280/Fax: (203) 566-1520

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007



## **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Robert Stepanek, Education Director  
Aviation Education Resource Center  
Connecticut DOT Bureau of Aviation and Ports  
New England Air Museum  
Bradley International Airport  
Winsor, CT 06096  
(203) 623-3305

Vivian Manzione, Assistant Director  
Platt/Sikorsky School for Aviation  
Great Meadow Road  
Stratford, CT 06497  
(203) 381-9250

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.



Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Connecticut Space Grant Consortium  
University of Hartford  
200 Bloomfield Avenue  
West Hartford, CT 06117  
(203) 768-4849

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Connecticut's Statewide Systemic Initiatives Program includes the Connecticut Academy for Education in Mathematics, Science, and Technology; curriculum revisions; collaboration among teacher education programs and science centers; public science literacy projects; and projects designed to involve businesses with school districts.

Richard Cole, Director  
Connecticut Academy  
178 Cross Street  
Middletown, CT 06457  
(203) 346-1177/Fax: (203) 346-2157

Germain Bermudezm, Project Director  
PROJECT CONSTRUCT  
State Department of Education  
P.O. Box 2219  
Hartford, CT 06145  
(203) 566-2931/Fax: (203) 566-5623

## **Maine**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dorothea Cloutier  
Program Administrator, 4-H  
5741 Libby Hall, Room 103  
University of Maine CES  
Orono, ME 04469-5741  
(207) 581-3188

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Mark James  
P.O. Box 430  
Augusta, ME 04332-0430  
(207) 622-4111

### **Department of Commerce (DOC)**

#### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
 New Hampshire-Maine Sea Grant  
 Kingman Farm  
 University of New Hampshire  
 Durham, NH 03824-3512  
 (603) 749-1565/Fax: (603) 743-3997

### **Wells National Estuarine Research Reserve**

The Wells National Estuarine Research Reserve has an onsite program for 4th grade students, as well as a Junior Research summer program. Estuarine ecology curriculum materials for grades K-8 are also available. Reservations are required.

Henrietta List, Education Coordinator  
 Wells National Estuarine Research Reserve  
 Rural Route 2, Box 806  
 Wells, ME 04090  
 (207) 646-1555/Fax: (207) 646-2930

## **Department of Defense (DoD)**

### **Naval Air Station, Brunswick**

The Naval Air Station in Brunswick, Maine, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

NAS Brunswick  
 Commanding Officer  
 AIMD Box 1  
 Brunswick, ME 04011-5001  
 (207) 921-2493

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Thomas Keller  
 Eisenhower Professional Development Program  
 Maine Department of Education  
 State House Station #23  
 Augusta, ME 04333  
 (207) 287-5925/Fax: (207) 287-5927

Jackie Mitchell  
 Eisenhower Professional Development Program  
 State Agency for Higher Education  
 Maine Department of Education  
 State House Station #23  
 Augusta, ME 04333  
 (207) 289-5937/Fax: (207) 287-5927

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Jacqueline P. Mitchell  
 Eisenhower Professional Development Program  
 Maine Department of Education  
 State House Station #23  
 Augusta, ME 04333  
 (207) 287-2183/Fax: (207) 287-5927

Fred Douglas  
 Eisenhower Professional Development Program  
 Maine Department of Education  
 State House Station #23  
 Augusta, ME 04333  
 (207) 287-2183/Fax: (207) 287-5927

### **Northeast and Islands Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
 Northeast and Islands Regional Educational Laboratory  
 Brown University  
 164 Angell Street, Box 1929  
 Providence, RI 02912  
 (401) 863-2777

### **Regional Alliance for Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics  
and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribauda,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

### **Department of the Interior (DOI)**

#### **Acadia National Park**

Acadia National Park offers guided tours and nature walks in addition to other environmental education activities.

Office of Interpretation  
Acadia National Park  
P.O. Box 177  
Bar Harbor, ME 04609  
(207) 288-5456

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental  
Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine  
Minerals  
Minerals Management Service  
381 Eldon Street, MS 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

### **Moosehorn National Wildlife Preserve**

Programs at the Moosehorn National Wildlife Preserve include guided nature tours and in-class presentations. Curriculum materials are available upon request.

Public Use Specialist  
Moosehorn National Wildlife Preserve  
P.O. Box 1077  
Calsis, ME 04619  
(207) 454-3521/Fax: (207) 454-2550

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Kane, Project WILD Coordinator  
Maine Department of Inland Fisheries  
284 State Street  
Augusta, ME 04333  
(207) 289-3303/Fax: (207) 287-6395

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Charles A. Morrison, Commissioner  
Maine Department of Labor  
20 Union Street, P.O. Box 309  
Augusta, ME 04330  
(207) 289-3788/Fax: (207) 289-5292

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Sue Doner  
Aviation Education Resource Center  
Kennebec Valley Technical College  
92 Western Avenue  
Fairfield, ME 04937-0020  
(207) 453-9762

Sara Jane Poli  
Aviation Education Resource Center  
Biddeford School Department  
Maplewood Avenue  
Biddeford, ME 04005  
(207) 282-8280

Mark Sanborn, Assistant Director  
Aviation Education Resource Center  
Penobscot Nation Tribal Administration  
Vocational Training and Education  
6 River Road, Community Building  
Indian Island, ME 04468  
(207) 827-7776

Timothy D. Crowley, Dean of Students  
Aviation Education Resource Center  
Northern Maine Technical Center  
33 Edgemont Drive  
Presque Isle, ME 04769  
(207) 769-2461

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maine Space Grant Consortium  
Maine Science and Technology Commission  
87 Winthrop Street  
Augusta, ME 04330  
(207) 621-6350

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

The primary focus of Maine's Statewide Systemic Initiatives Program is on curriculum changes, teacher preparation and enhancement, the alignment of curriculum with assessment, and the establishment of "beacon" lab schools to test new curricula and teaching methods. In addition, "beacon colleges" will reform teacher preparation. This initiative also includes community awareness programs, progressive institutes and workshops for teachers, and the increased use of technology.

Jacqueline Mitchell  
Maine Department of Education  
Augusta, ME 04333-5359  
(207) 287-5937/Fax: (207) 287-5927  
E-mail: jmitchell@ssi.edc.org

Thomas Clark, Director  
Maine Mathematics and Science Alliance  
Maine Department of Education  
Augusta, ME 04332-5359  
(207) 287-5881/Fax: (207) 287-5885  
E-mail: tclark@ssi.edc.org

# **Massachusetts**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Thomas M. Waskiewicz  
Youth Development  
4-H Program Coordinator  
University of Massachusetts  
214 Stockbridge Hall  
Amherst, MA 01003  
(413) 545-2646

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pam Comstock  
Massachusetts Farm Bureau Federation  
P.O. Box 651  
Bedford, MA 01730



## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
New Hampshire-Maine Sea Grant  
Kingman Farm  
University of New Hampshire  
Durham, NH 03824-3512  
(603) 749-1565/Fax: (603) 743-3997

### Stellwagen Bank National Marine Sanctuary

Stellwagen Bank National Marine Sanctuary was recently designated a marine sanctuary. Educational programs involving environmental science are being developed.

Ann Smrcina, Education Coordinator  
Stellwagen Bank National Marine Sanctuary  
14 Union Street  
Plymouth, MA 02360  
(508) 747-1691/Fax: (508) 747-1949

### Waquoit Bay National Estuarine Research Reserve

The Waquoit Bay National Estuarine Research Reserve offers intern programs, interpretive walks, and watershed curriculum.

Joan Muller, Education Coordinator  
Waquoit Bay National Estuarine Research Reserve  
149 Waquoit Highway  
P.O. Box 3092  
Waquoit, MA 02536  
(508) 457-0495/Fax: (508) 727-5537

## Department of Defense (DoD)

### Science and Engineering Apprentice Program

This DoD-sponsored program is administered by the George Washington University. It is designed to provide local high school students with research experience. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Marilyn Joy  
U.S. Army Soldier Systems Command  
Attn: AMSSC-SDP  
Natick, MA 01760-5013  
(508) 233-5089

### U.S. Army Natick Research, Development, and Engineering Center

The Natick Center offers informal internships and mentoring activities to students in a variety of disciplines. The Center also participates in the U.S. Army High School Science and Mathematics Faculty Summer Research Program administered by the Army Research Office.

U.S. Army Natick Research, Development, and  
Engineering Center  
Kansas Street  
Natick, MA 01760-5000  
(508) 233-4300

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Neil Davidson, Executive Director  
Division School Programs  
Eisenhower Professional Development Program  
Massachusetts Department of Education  
350 Main Street  
Malden, MA 02148-5023  
(617) 338-3300, ext. 248/Fax: (617) 308-3395

## Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Lynette Robinson-Weening  
Eisenhower Professional Development Program  
Massachusetts Higher Education Coordinating  
Council  
McCormack Building, Room 1401  
One Ashburton Place  
Boston, MA 02108-1696  
(617) 727-7785, ext. 246/Fax: (617) 727-6397

## Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational  
Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

## Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics  
and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

## Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## Department of Energy (DOE)

### Bates Linear Accelerator Center

Bates Linear Accelerator Center supports nuclear physics experiments by researchers from 47 educational institutions and has recently added continuous beam capability.

Wade Sapp, Principal Research Scientist  
Bates Linear Accelerator Center  
P.O. Box 846  
Middleton, MA 01949  
(617) 253-9200/Fax: (617) 253-9599

### Boston Regional Support Office

The regional office participates in energy education programs for both teachers and students. Notable among these are the monthly meetings of the New England Energy Task Force. These meetings focus on energy efficiency and renewable energy development in New England. Participation by teachers and students is invited and welcome. High priority is accorded to energy-related queries of teachers and students. The office seeks to provide state-of-the-art information and referral as appropriate to DOE's vast network of science and mathematics education resources. The Boston Regional Support Office also sponsors a Regional Science Bowl.

Public Affairs Officer and Education Liaison  
U.S. Department of Energy  
One Congress Street  
Boston, MA 02114  
(617) 565-9705/Fax: (617) 565-9723

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Cape Cod National Seashore**

Cape Cod National Seashore offers a residential environmental education program for students. Curriculum materials and other onsite activities are available upon request.

Division of Interpretation  
Cape Cod National Seashore  
South Wellsfleet, MA 02663  
(508) 349-3785

### **Great Meadows National Wildlife Refuge**

Great Meadows National Wildlife Refuge operates a classroom laboratory for wetlands study. Teachers must complete a wetlands workshop prior to conducting a class in the laboratory.

Outdoor Recreation Planner  
Great Meadows National Wildlife Refuge  
Weir Hill Road  
Sudbury, MA 01776  
(508) 443-4661/Fax: (508) 443-2898

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental  
Affairs

Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine  
Minerals

Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Cleti Cervoni, Project WILD Co-Coordinator  
Massachusetts Audubon Society  
South Great Road  
Lincoln, MA 01773-1460  
(617) 259-9506, ext. 7252/Fax: (617) 259-8899

Marion Larson, Project WILD Co-Coordinator  
Division of Fisheries and Wildlife  
Route 135  
Westboro, MA 01581  
(508) 792-7270/Fax: (508) 792-7275

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Nils L. Nordberg, Commissioner  
Massachusetts Department of Employment and  
Training  
Charles F. Hurley Building  
Government Center, 19 Staniford Street  
Boston, MA 02114  
(617) 727-6600/Fax: (617) 727-0315

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Bill Annesley  
Aviation Education Resource Center  
Bridgewater State College  
Management Science and Aviation Science  
Department  
Bridgewater, MA 02325  
(508) 697-1395

Dr. Toby Penstlen  
Aviation Education Resource Center  
Massachusetts Aeronautics Commission  
Transportation Library, 10 Park Plaza  
Boston, MA 02116-3966  
(617) 973-8000

Maureen McCartney, Director of Career Services  
Aviation Education Resource Center  
Westfield State College  
Ely Campus Center, Western Avenue  
Westfield, MA 01086  
(413) 568-3311, ext. 206

Dr. Nicholas Tzimopoulos, Director  
Aviation Education Resource Center  
Lexington Public School System  
Curriculum/Science Education  
1557 Massachusetts Avenue  
Lexington, MA 02173  
(617) 861-2484

Dr. Robert Finklestein  
Aviation Education Resource Center  
North Shore Community College  
One Ferncroft Road  
Danvers, MA 01923  
(508) 762-4000, ext. 6296

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States

and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly dis-



tributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Bridgewater State College  
NASA Regional Teacher Resource Center  
Office of Sponsored Projects  
Bridgewater, MA 02325  
(508) 697-1242

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Massachusetts Space Grant Consortium  
Massachusetts Institute of Technology  
Aeronautics and Astronautics  
77 Massachusetts Avenue  
Building 37, Room 207  
Cambridge, MA 02139  
(617) 253-7759

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

The goals for the Massachusetts Statewide Systemic Initiatives Program include producing the State's first science and mathematics curriculum frameworks; professional development opportunities, focused on reflective, inquiry-based teaching and a science and mathematics content; improving teacher preparation programs; and establishing partnerships among schools, higher education institutions, businesses, parents, and the community.

David P. Driscoll  
Massachusetts Department of Education  
350 Main Street  
Malden, MA 02148-5023  
(617) 388-3300, ext. 103/Fax: (617) 388-3395  
E-mail: ddriscoll@doe.mass.edu

# New Hampshire

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Edward H. McAllister, Program Leader  
4-H and Youth Development  
University of New Hampshire  
59 College Road, 119 Taylor Hall  
Durham, NH 03824  
(603) 862-2161

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Lynne Blye  
Department of Agriculture  
P.O. Box 2042  
Concord, NH 03302  
(603) 271-3696/Fax: (603) 271-1109

## Department of Commerce (DOC)

### Great Bay National Estuarine Research Reserve

The Great Bay National Estuarine Research Reserve operates the Sandy Point Interpretive Center, which includes exhibits that describe the human and natural histories of the Bay. Some programs are available for secondary students and teachers.

Betsy Franz, Education Coordinator  
Great Bay National Estuarine Research Reserve  
New Hampshire Fish and Game Department  
225 Main Street  
Durham, NH 03824  
(603) 868-1095/Fax: (603) 271-1438



### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
New Hampshire-Maine Sea Grant  
Kingman Farm  
University of New Hampshire  
Durham, NH 03824-3512  
(603) 749-1565/Fax: (603) 743-3997

### **Department of Defense (DoD)**

#### **U.S. Army Cold Regions Research and Engineering Laboratory**

The Cold Regions Research and Engineering Laboratory manages an apprenticeship program for high school students that is focused upon juniors in local schools. The program's purpose is to encourage continuation in mathematics, science, and engineering studies.

Audrey Vaughan  
Cold Regions Research and Engineering  
Laboratory  
Office of Human Resources  
72 Lyme Road  
Hanover, NH 03755-1290  
(603) 646-4645

### **Department of Education (ED)**

#### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Edward J. Hendry  
Eisenhower Professional Development Program  
New Hampshire Department of Education  
101 Pleasant Street  
Concord, NH 03301  
(603) 271-2632/Fax: (603) 271-1953

#### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Edward J. Hendry  
Eisenhower Professional Development Program  
New Hampshire Department of Education  
101 Pleasant Street  
Concord, NH 03301  
(603) 271-2632/Fax: (603) 271-1953

#### **Northeast and Islands Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational  
Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

#### **Regional Alliance for Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics  
and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

## **Regional Technology in Education Consortium (R\*TEC)**

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Bonnie Brownstein and Michael Ribaud, Co-Directors

NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals  
Minerals Management Service  
381 Eldon Street, MS 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

### **Office of Communications and Governmental Affairs**

Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Judy Silverberg, Project WILD Coordinator  
New Hampshire Fish and Game Department  
Two Hazen Drive  
Concord, NH 03301  
(603) 271-3212/Fax: (603) 271-1438

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ray O. Worden, Executive Director  
New Hampshire Job Training Coordinating Council  
64B Old Suncook Road  
Concord, NH 03301  
(603) 228-9500/Fax: (603) 228-8557

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA

will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Aviation Education Workshops for Teachers**

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Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Ronald Wanner  
Aviation Education Resource Center  
New Hampshire DOT Division of Aeronautics  
65 Airport Road, Concord Municipal Airport  
Concord, NH 03301-5298  
(603) 271-2551

Hanna McCarthy, President  
Aviation Education Resource Center  
Daniel Webster College  
20 University Drive  
Nashua, NH 03063-1699  
(603) 883-3556

### **National Congress on Aviation and Space Education**

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Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program

is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may pre-view or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Hampshire Space Grant Consortium  
Institute for the Study of Earth, Oceans, and Space  
University of New Hampshire, Morse Hall  
Durham, NH 03824-3525  
(603) 862-0094

## **New York**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Ron Jones  
State 4-H Program Leader  
4-H Youth Development, Cornell University  
Roberts Hall, Room 354  
Ithaca, NY 14853-4203  
(607) 255-2233

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Andrew Fagan  
Cornell University  
408 Kennedy Hall  
Ithaca, NY 14853-5901  
(607) 255-8122/Fax: (607) 255-7905

## **Department of Commerce (DOC)**

### **Hudson River National Estuarine Research Reserve**

The Hudson River National Estuarine Research Reserve offers professional development workshops for educators and operates an Educational Resource Library. The Reserve also has onsite and outreach interpretive programs.

Dennis Mildner, Education Coordinator  
Hudson River National Estuarine Research Reserve  
New York State Department of Environmental Conservation  
c/o Bard College Field Station  
Annandale-On-Hudson, NY 12504  
(914) 758-5193/Fax: (914) 758-8273

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
New Hampshire-Maine Sea Grant  
Kingman Farm  
University of New Hampshire  
Durham, NH 03824-3512  
(603) 749-1565/Fax: (603) 743-3997

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Laurie A. Rowe  
Eisenhower Professional Development Program  
New York Education Department  
Room 979 EBA  
Albany, NY 12234  
(518) 473-1388/Fax: (518) 486-7336  
E-mail: lrowe@inet.ed.gov

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Carol Blunt-White  
Eisenhower Professional Development Program  
New York State Education Department  
Empire State Plaza  
Cultural Education Center, Room 5064  
Albany, NY 12230  
(518) 486-6042/Fax: (518) 486-3239

### **Northeast and Islands Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

### **Regional Alliance for Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.



Mark Kaufman, Director  
 Robert McLaughlin, Co-Director  
 Eisenhower Regional Alliance for Mathematics  
 and Science Education Reform  
 TERC  
 2067 Massachusetts Avenue  
 Cambridge, MA 02140  
 (617) 547-0430/Fax: (617) 349-3535  
 E-mail: mark\_kaufman@terc.edu  
 bob\_mclaughlin@terc.edu

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud, Co-Directors  
 NetTech  
 CUNY  
 555 West 57th Street  
 New York, NY 10017  
 (212) 541-0972/Fax: (212) 541-0357  
 E-mail: bibbh@cunyvm.cuny.edu

## **Department of Energy (DOE)**

### **Brookhaven National Laboratory**

Brookhaven National Laboratory provides teacher workshops, student and faculty research apprenticeships, outreach, and onsite programs.

Karl Swyler, Head  
 Educational Programs  
 Brookhaven National Laboratory  
 14 Brookhaven Avenue, Building 438  
 P.O. Box 5000  
 Upton, NY 11973  
 (516) 282-7171/Fax: (516) 282-5832  
 E-mail: swyler@bnl.gov

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
 Bureau of Land Management  
 7450 Boston Boulevard  
 Springfield, VA 22153  
 (703) 440-1713

### **Fire Island National Seashore**

Programs include guided nature walks, teacher workshops, and a Junior Ranger Program. A teacher's guide that emphasizes the geology, history, ecology, and zoology of Fire Island is available.

Division of Interpretation  
 Fire Island National Seashore  
 120 Laurel Street  
 Patchogue, NY 11772  
 (516) 289-4810

### **Gateway National Recreation Area**

Programs at the Gateway National Recreation Area are primarily for grades 4-6, although programs can be arranged for other grade levels. Teachers must attend a 1-day seminar about the park prior to bringing their students.

Division of Interpretation  
 Gateway National Recreation Area  
 Building 69, Floyd Bennett Field  
 Brooklyn, NY 11234  
 (718) 338-4376

### **Iroquois National Wildlife Refuge**

Teacher workshops and guided tours are offered at the Iroquois National Wildlife Refuge to promote environmental education.

Outdoor Recreation Planner  
 Iroquois National Wildlife Refuge  
 P.O. Box 517, Casey Road  
 Alabama, NY 14003  
 (716) 948-9154/Fax: (716) 948-9538



## **Long Island National Wildlife Refuge Complex**

Teacher workshops held at the Long Island National Wildlife Refuge Complex promote environmental education, curriculum materials, and various interpretation programs for students.

Outdoor Recreation Planner  
Long Island National Wildlife Refuge Complex  
P.O. Box 21  
Shirley, NY 11967  
(516) 286-0485/Fax: (516) 286-4003

## **Montezuma National Wildlife Refuge**

Montezuma National Wildlife Refuge has a video library, environmental education activities, curriculum materials, and guided nature tours.

Outdoor Recreation Planner  
Montezuma National Wildlife Refuge  
3395 Route 5/20 East  
Seneca Falls, NY 13148  
(315) 568-5987/Fax: (315) 568-8835

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Frank Knight  
New York Department of Environmental  
Conservation  
50 Wolf Road, Room 504  
Albany, NY 12233  
(518) 457-3720/Fax: (518) 547-0855

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

John F. Hudacs, Commissioner  
New York State Department of Labor  
State Office Building Campus  
Building 12, Room 500  
Albany, NY 12240  
(518) 457-2741/Fax: (518) 457-6908

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Albert E. Donor  
Provost and Executive Vice President  
Aviation Education Resource Center  
Dowling College  
Oakdale, NY 11769  
(516) 244-3200

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61  
FAA Aviation Education Representative  
JFK International Airport  
Federal Building, #111  
Jamaica, NY 11430  
(718) 553-3364/Fax: (718) 553-1455

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 637-3671/Fax: (212) 637-4445

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2  
290 Broadway  
New York, NY 10007  
(212) 637-3678/Fax: (212) 597-6685

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

The City College  
NASA Regional Teacher Resource Center  
Harris Hall, Room 109  
Convent Avenue at 138th Street  
New York, NY 10031  
(212) 650-6993

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New York Space Grant Consortium  
Department of Astronomy  
Cornell University  
318 Space Sciences Building  
Ithaca, NY 14853  
(607) 255-8544

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

The New York Statewide Systemic Initiatives Program's New Compact for Learning is a major reform in the State's six largest urban school districts: Albany, Buffalo, New York, Rochester, Syracuse, and Yonkers. Under this program, the districts develop or expand local partnerships. The State provides support through State field-based assistance teams, staff development efforts, and a new school quality review program.

Carolyn Graham  
State Education Department  
Washington Avenue  
Albany, NY 12234  
(518) 784-9471/Fax: (518) 473-0259

## **Puerto Rico**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Rafel Pierrioms  
Acting State 4-H Leader  
Cooperative Extension Service  
College Station Building C  
Mayaguez, PR 00708

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dave Heilig  
USDA/SCS  
Caribbean Area State Office  
G.P.O. Box 4868  
San Juan, PR 00936  
(809) 498-5206

## **Department of Commerce (DOC)**

### **Jobs Bay National Estuarine Research Reserve**

The Jobs Bay National Estuarine Research Reserve offers interpretive exhibits, in-school presentations, and guided canoe trips. Reservations are required.

Alida Ortiz, Education Coordinator  
Jobs Bay National Estuarine Research Reserve  
Call Box B  
Aguirre, PR 00704  
(809) 853-4617/Fax: (809) 853-4618

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

## **Department of Education (ED)**

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Delma Santiago  
Eisenhower Professional Development Program  
Puerto Rico Council of Higher Education  
P.O. Box 19900-1900, U.P.R. Station  
Rio Piedras, PR 00910  
(809) 724-7100, ext. 2056

### **Northeast and Islands Regional Educational Laboratory**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational  
Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

### **Regional Alliance for Mathematics and Science Education Reform**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics  
and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **Department of the Interior (DOI)**

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Aileen T. Velazco  
Department of Natural and Environmental  
Resources  
Puerta de Tierra  
P.O. Box 5887  
San Juan, PR 00906  
(809) 725-8619/Fax: (809) 724-0365

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ardin Teron, President  
Technological-Occupational Education Council  
431 Ponce de Leon, 16th Floor  
Hato Rey, PR 00918  
(809) 754-5633/Fax: (809) 763-0195

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312



## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 637-3671/Fax: (212) 637-4445

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2  
290 Broadway  
New York, NY 10007  
(212) 637-3678/Fax: (212) 597-6685

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899-0001  
(407) 867-4444

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Center  
Mail Code ERC  
Kennedy Space Center, FL 32899-0001  
(407) 867-4090

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space



education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Puerto Rico Space Grant Consortium  
University of Puerto Rico  
Resource Center for Science and Engineering  
P.O. Box 5000, College Station  
Mayaguez, PR 00681-5000  
(809) 831-1022

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

Puerto Rico's Statewide Systemic Initiative, a joint venture between the U.S. Department of Education Resource Center for Science and Engineering and the Puerto Rico General Council of Education, will focus on students' cognitive abilities and depth of scientific understanding, revise teacher preparation, promote community involvement, and develop new assessment methods.

Manuel Gomez  
Resource Center for Science and Engineering  
University of Puerto Rico  
P.O. Box 23334, University Station  
San Juan, PR 00931-3334  
(809) 764-8369/Fax: (809) 764-0625

Pedro Rodriguez-Esquerdo  
Resource Center for Science and Engineering  
University of Puerto Rico  
P.O. Box 23334, University Station  
San Juan, PR 00931-3334  
(809) 764-7320/Fax: (809) 751-0625

# Rhode Island

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. J. Whitney Bancroft  
State 4-H Coordinator  
University of Rhode Island  
Woodward Hall  
Kingston, RI 02881-0804  
(401) 792-2435

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Carol Stamp  
1 Stamp Place  
South Country Trail  
Exeter, RI 02822  
(401) 783-7704

## Department of Commerce (DOC)

### Narragansett Bay National Estuarine Research Reserve

Offsite estuarine education programs are conducted by naturalists at the Narragansett Bay National Estuarine Research Reserve throughout the summer. Reservations are required. The Reserve also offers on- and offsite wayside exhibits about estuarine ecology and historical uses of the Reserve.

Roger Greene, Education Coordinator  
Narragansett Bay National Estuarine Research Reserve  
Department of Environmental Management  
P.O. Box 151  
Prudence Island, RI 02872  
(401) 683-5061/Fax: (401) 277-6802

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker  
 New Hampshire-Maine Sea Grant  
 Kingman Farm  
 University of New Hampshire  
 Durham, NH 03824-3512  
 (603) 749-1565/Fax: (603) 743-3997

## Department of Defense (DoD)

### Naval War College Museum

The college museum features exhibits on the history of naval warfare and also identifies the milestones in the evolution of war at sea, including technological advances.

Naval War College Museum  
 Naval War College  
 686 Cushing Road  
 Newport, RI 02841-1207  
 (401) 841-4052

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Richard Latham  
 Eisenhower Professional Development Program  
 Rhode Island Department of Education  
 22 Hayes Street  
 Providence, RI 02908  
 (401) 277-6523/Fax: (401) 277-6178

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Chris Wessells  
 Dr. Cynthia V.L. Ward, Associate Commissioner  
 Eisenhower Professional Development Program  
 Rhode Island Office of Higher Education  
 301 Promenade Street  
 Providence, RI 02908-5720  
 (401) 277-6560, ext. 133/Fax: (401) 277-6111

### Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
 Northeast and Islands Regional Educational Laboratory  
 Brown University  
 164 Angell Street, Box 1929  
 Providence, RI 02912  
 (401) 863-2777

### Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director  
 Robert McLaughlin, Co-Director  
 Eisenhower Regional Alliance for Mathematics and Science Education Reform  
 TERC  
 2067 Massachusetts Avenue  
 Cambridge, MA 02140  
 (617) 547-0430/Fax: (617) 349-3535  
 E-mail: mark\_kaufman@terc.edu  
 bob\_mclaughlin@terc.edu

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud,  
Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States  
Office provides information about educational pro-  
grams, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office  
provides educational services directed at sharing  
information about a variety of subjects. Teacher  
inservice programs and classroom visitations may  
include supplemental materials. Availability may be  
limited, but arrangements may be made for duplica-  
tion of some materials at minimal cost.

Office of Communications and Governmental  
Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine  
Minerals  
Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

## **Ninigret National Wildlife Refuge**

Ninigret National Wildlife Refuge offers a wildlife  
management and environmental education program  
for students of all ages. Outreach programs, teacher  
workshops, and field trips are also sponsored.

Outdoor Recreation Planner  
Shoreline Plaza, Route 1A  
P.O. Box 307  
Charlestown, RI 02813  
(401) 364-9124/Fax: (401) 364-0170

## **Project WILD**

Project WILD offers teacher training and educational  
materials. Teacher guides, which contain more than  
80 supplementary, interdisciplinary activities for  
grades K-12, are free to teachers who attend the  
training session.

Chris Dudley, Project WILD Coordinator  
Rhode Island Division of Fish and Wildlife  
P.O. Box 218  
West Kingston, RI 02892  
(401) 789-0281/Fax: (401) 783-7490

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide  
information about the Job Training Partnership Act  
State and local programs for economically disadvan-  
taged adults and youth.

Marvin D. Perry, Director  
Job Training Partnership Office  
Rhode Island Department of Employment and  
Training  
101 Friendship Street  
Providence, RI 02903-3740  
(401) 277-3600/Fax: (401) 277-2731

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along  
with a host educational institution, cosponsors this  
1-week summer aviation education program for high

school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain

and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Anthony Gagliardi  
Aviation Education Resource Center  
Warwick Public Schools  
Warwick Career and Technical School  
575 Centerville Road  
Warwick, RI 02886  
(401) 737-3300

### **National Congress on Aviation and Space Education**

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Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### **Environmental Protection Agency (EPA)**

#### **Environmental Research Laboratory**

Students have the opportunity to interact directly with scientists at the Environmental Research Laboratory through a mentorship program.

U.S. Environmental Protection Agency  
Environmental Research Laboratory  
South Ferry Road  
Narragansett, RI 02882  
(401) 782-3028

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Rhode Island College  
NASA Regional Teacher Resource Center  
Curriculum Resources Center  
600 Mount Pleasant Avenue  
Providence, RI 02908  
(401) 456-8567/8065

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rhode Island Space Grant Consortium  
Department of Geological Sciences  
Box 1846  
Brown University  
Providence, RI 02912-1846  
(401) 863-2417



# Vermont

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Mary Carlson  
4-H Youth Development Specialist  
University of Vermont  
102B Morrill Hall  
Burlington, VT 05405  
(802) 656-0311

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Susan R. Duerst  
Vermont Farm Bureau  
RR2 Box 123  
Richmond, VT 05477

Megan Camp  
Shelburne Farms  
Shelburne, VT 05482  
(802) 985-8686/Fax: (802) 985-8498

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Peg Meyer  
Eisenhower Professional Development  
Coordinator  
Eisenhower Professional Development Program  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05602  
(802) 828-3111/Fax: (802) 828-3140/3146

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Robert Kenney  
Eisenhower Professional Development Program  
Vermont Department of Education  
120 State Street  
Montpelier, VT 05602  
(802) 828-3111/Fax: (802) 828-3140

### Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director  
Northeast and Islands Regional Educational  
Laboratory  
Brown University  
164 Angell Street, Box 1929  
Providence, RI 02912  
(401) 863-2777

### Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.



Mark Kaufman, Director  
Robert McLaughlin, Co-Director  
Eisenhower Regional Alliance for Mathematics  
and Science Education Reform  
TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud, Co-Directors  
NetTech  
CUNY  
555 West 57th Street  
New York, NY 10017  
(212) 541-0972/Fax: (212) 541-0357  
E-mail: bibbh@cunyvm.cuny.edu

### **Department of the Interior (DOI)**

#### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

#### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher

in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals  
Minerals Management Service  
381 Eldon Street, MS 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Mark Scott, Project WILD Coordinator  
Department of Fish and Wildlife  
103 South Main Street  
Waterbury, VT 05676  
(802) 241-3700/Fax: (802) 241-3295

### **Department of Labor (DOL)**

#### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Robert Ware  
Department of Employment and Training  
5 Green Mountain Drive, P.O. Box 488  
Montpelier, VT 05601-0488  
(802) 828-4300/Fax: (802) 828-4022

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

John Barney, Vocational Director  
Aviation Education Resource Center  
St. Johnsbury Academy  
St. Johnsbury, VT 05816  
(802) 748-8171

Rick Sylvester, Aviation Instructor  
State of Vermont  
RM A-322 Burlington Tech. Center  
52 Institute  
Burlington, VT 05401  
(802) 864-8424

### National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45  
FAA Aviation Education Representative  
12 New England Executive Park  
Burlington, MA 01803  
(617) 238-7378/Fax: (617) 238-7007

### Environmental Protection Agency (EPA)

#### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
JFK Federal Building, Mail Stop RPM  
Boston, MA 02203  
(617) 565-3574/Fax: (617) 565-3415

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1  
JFK Federal Building  
Boston, MA 02203  
(617) 565-9447/Fax: (617) 565-3415

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs  
Code 130  
NASA Goddard Space Flight Center  
Greenbelt, MD 20771-0001  
(301) 286-7206

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center  
Teacher Resource Laboratory  
Mail Code 130.3  
Greenbelt, MD 20771-0001  
(301) 286-8570

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Norwich University  
Vermont College Educational Resource Center  
NASA Regional Teacher Resource Center  
Schulmaier Hall  
Montpelier, VT 05602  
(802) 828-8845

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Vermont Space Grant Consortium  
University of Vermont  
Department of Mathematics and Statistics  
College of Engineering and Mathematics  
16 Colchester Avenue  
Burlington, VT 05405  
(802) 656-2940

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

The major components of Vermont's Statewide Systemic Initiatives Program are the statewide curriculum framework, intensive development of the teaching staff, new performance assessments, and a statewide telecomputing network linking schools, business, and higher education.

Bruce Richardson  
Vermont State University  
311 Waterman Building  
College of Education and Social Services  
Burlington, VT 05405  
E-mail: Bruce\_Richardson@together.org

## Virgin Islands

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Zoraida Jacobs, Program Leader, 4-H  
University of the Virgin Islands  
Rural Route 02, Box 10,000 Kingshill  
St. Croix, VI 00850

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Otis Hicks  
P.O. Box 804  
Christianstad  
St. Croix, VI 00821-0804  
(809) 773-0758

Eric Bough  
Department of Economic Development and  
Agriculture  
St. Croix, VI 00850  
(809) 778-0991

### Department of Education (ED)

#### Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

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Northeast and Islands Regional Educational  
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Providence, RI 02912  
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Eisenhower Regional Alliance for Mathematics  
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TERC  
2067 Massachusetts Avenue  
Cambridge, MA 02140  
(617) 547-0430/Fax: (617) 349-3535  
E-mail: mark\_kaufman@terc.edu  
bob\_mclaughlin@terc.edu

#### Regional Technology in Education Consortium (R\*TEC)

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Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Carol M. Burke, Assistant Commissioner  
Employment and Training  
Virgin Islands Department of Labor  
7 and 8 Queen Streets, C'sted  
St. Croix, VI 00820  
(809) 773-1994/Fax: (809) 773-1515

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

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George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in

the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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1701 Columbia Avenue  
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(404) 305-5350/Fax: (404) 305-5312

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College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.



Environmental Education Coordinator  
Environmental Protection Agency  
26 Federal Plaza, Mail Stop Room 905  
New York, NY 10278  
(212) 637-3671/Fax: (212) 637-4445

Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899-0001  
(407) 867-4444

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2  
290 Broadway  
New York, NY 10007  
(212) 637-3678/Fax: (212) 597-6685

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

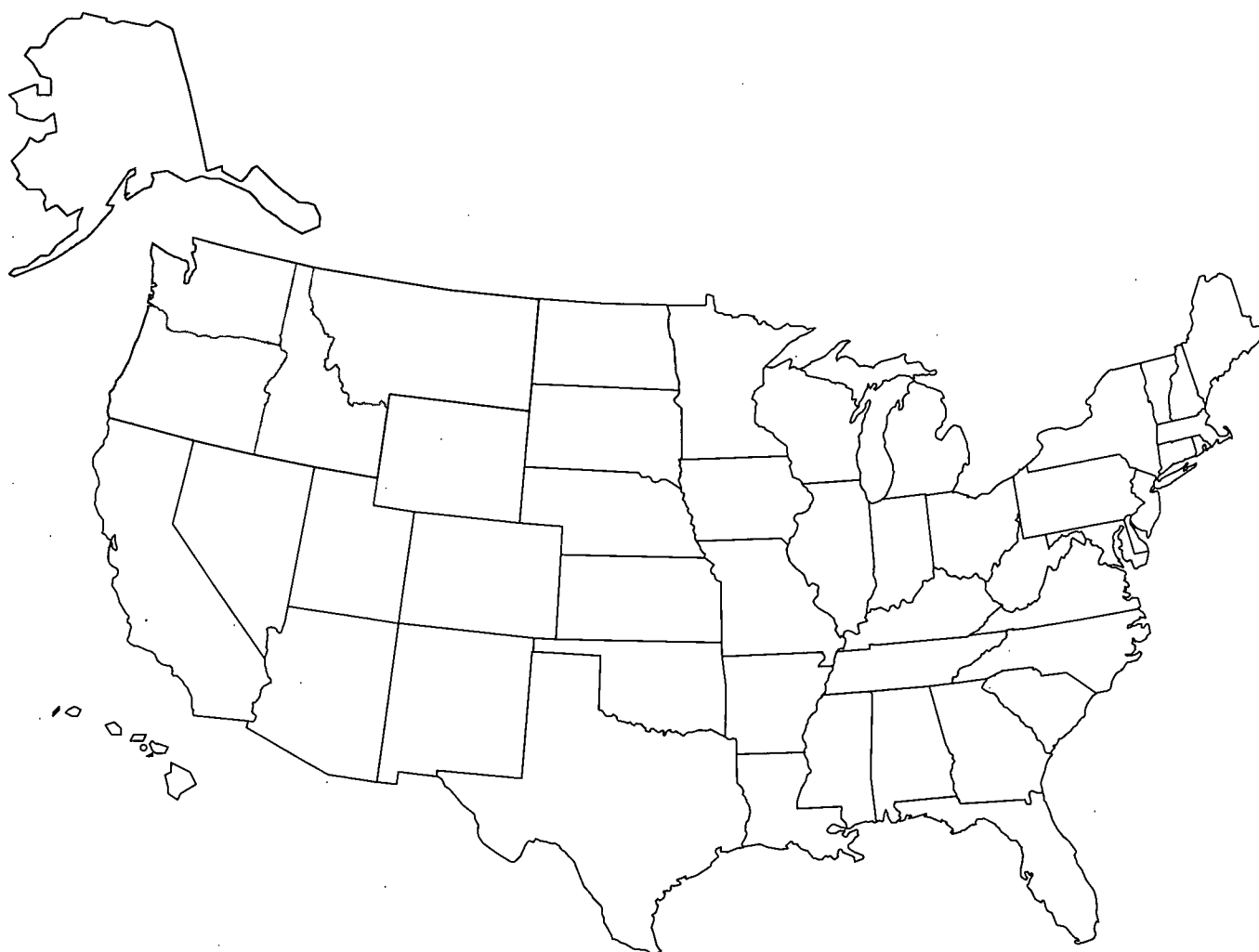
NASA John F. Kennedy Space Center  
Educators Resources Center  
Mail Code ERC  
Kennedy Space Center, FL 32899-0001  
(407) 867-4090



# Northwest

## Areas Served:

**Alaska, Idaho,  
Montana, Oregon,  
and Washington**



# Science and Mathematics Consortium for Northwest Schools

The Columbia Education Center (CEC), serving as the coordinating agency for education and education-related interests in Alaska, Idaho, Montana, Oregon, and Washington, is administering the Science and Mathematics Consortium for Northwest Schools (SMCNWS) project.

As 1 of 10 regional consortia established across the United States by Congress and administered by the U.S. Department of Education, SMCNWS is a member of the National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse (ENC) for Mathematics and Science Education. This organization serves an overall coordinating function in support of consortia activities that focus on nationwide priorities.

The Northwest is a huge area with a comparatively sparse population—only about 10.6 million inhabitants in a region covering 982,000 square miles, nearly 28 percent of the Nation's land area. School enrollment includes roughly 2 million young people and 100,000 teachers in 4,500 schools, grades K–12. In serving the five Northwest States, SMCNWS' overall purpose is to provide catalytic support that will broaden the effect, accelerate the pace, and increase the effectiveness of improvements in the region's science and mathematics education by:

- Identifying and disseminating exemplary and promising educational programs, practices, and materials available from local, State, regional, and national sources.
- Providing technical assistance and training in support of State and local expectations for demanding content, as well as reform-focused curriculum improvement and staff development initiatives.

Philosophically, SMCNWS is predicated on the belief that the "DNA" of American education is the classroom—that the key to educational reform is what happens (or does not happen) at the local school and

teacher education levels. With this fundamental belief, therefore, the project focuses on designs and operations that directly serve practitioners—elementary, middle school, and high school teachers, as well as college instructors—those who are charged with carrying out the challenge of leading American education on a day-to-day basis.

Thus, "How will this affect the classroom and improve student achievement?" will be the initial question when prospective project activities are considered and resources allocated, with a significant portion of the budget earmarked for direct services to and immediate resources for practitioners.

SMCNWS has 10 primary objectives:

1. Establish a Regional Advisory, five State Advisories, and a Practitioner Advisory Board to assist in the development of criteria for: a) setting up short- and long-term project priorities, and b) using project resources for maximum effectiveness.
2. Identify and collaborate with all others involved in science and mathematics systemic change in the region's science, mathematics, and technology education structure.
3. Plan with State and local educational agencies, as well as with other education-related organizations and interests, for activities that recognize, address, and support a range of needs and priorities for improving science, mathematics, and technology education.
4. Offer staff development programs to reinforce State and local professional development interests and preferences, including teacher leadership and site-based management skills.
5. Reinforce State and local efforts to introduce, focus, plan, and expand the use of educational technology for professional development and direct instructional purposes.

6. Align the needs and priorities of formal education with the services and resources available via informal science, mathematics, and technology agencies and facilities.
7. Identify and promote the use of exemplary regional and national resources available to support local science and mathematics improvement efforts.
8. Generate, interpret, and disseminate data relating to the impact, effectiveness, and transferability of project activities.
9. Plan with partners to determine and allocate an appropriate portion of the budget for resources and services to traditionally underserved or underrepresented students.
10. Offer services and resources to: a) augment the science, mathematics, and technology backgrounds of K-3 teachers, and b) foster the science and mathematics interests and learning of youth in grades K-3.

CEC has established what it considers to be the "baseline" characteristics of effective education for science and mathematics literacy. Correspondingly, SMCNWS seeks out and supports initiatives, programs, practices, and materials to encompass several elements, including: 1) the nature, content, and concepts of science and mathematics; 2) the processes of science and mathematics; 3) the role of science and mathematics in society; and 4) scientific habits of the mind. Further, SMCNWS believes that the extent to which a science or mathematics program can align itself with the following concerns determines how well it will be able to address the priority regional needs and goals:

- An educational equity emphasis.
- Balance among content, concept, and process considerations.
- Awareness of the global challenge facing the Nation in areas of science and mathematics.
- Balanced presentation of all issues involved in a controversial scientific problem.
- Use of science and mathematics as regular "organizers" in the overall curriculum.
- Connections to real-world situations and circumstances.

- Inclusion of assessment as an integral part of the curriculum.
- Teacher as a facilitator of learning, not the source of knowledge.
- Community agencies and parents as partners in the learning environment.
- Emphasis on responsible decision-making.
- Use of various scientific, mathematical, and technological instruments and manipulatives.

Clearly, the essential consideration facing the project during its first operational year is "How can we help the communities, schools, and personnel that are ultimately responsible for bringing about systemic reform in science and mathematics education address these issues?" The regional approach must be coordinated. While SMCNWS cannot do it all, it can serve as a catalyst in identifying resources and assisting with organization of a joint effort. It can support the objectives presented above in concert with all stakeholders.

Dr. Ralph T. Nelsen, Director  
 Rob Kremer, Regional Coordinator  
 Tom Phoenix, Technology Specialist  
 Mary Buck, State Associate (MT)  
 Linda Robinson, State Associate (MT)  
 Patricia Johnson, State Associate (MT)  
 Kris Mickelson, State Associate (ID)  
 Dr. Dick Kay, State Associate (ID)  
 Barbara Eisenbarth, State Associate (ID)  
 Dr. Dick Mariotti, State Associate (WA)  
 Dr. Andrea Anderson, State Associate (WA)  
 Stephanie Hoag, State Associate (AK)

Science and Mathematics Consortium for Northwest  
 Schools (SMCNWS)  
 Columbia Education Center  
 171 NE 102 Avenue  
 Portland, OR 97220-4169  
 (503) 797-4585/Fax: (503) 252-4866  
 WWW: <<http://www.col-ed.org/smcnwshp.html>>

# Alaska

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dennis Crawford, 4-H State Program Leader  
University of Alaska at Fairbanks  
193 Arctic Health Research Building, Room 123  
Fairbanks, AK 99775-5200  
(907) 474-5632

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ted Berry  
University of Alaska  
P.O. Box 62  
Willow, AK 99688-0062  
(907) 495-1018/Fax: (907) 495-1264

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger  
Washington Sea Grant  
University of Washington, HG-3  
3716 Brooklyn Avenue NE  
Seattle, WA 98105-6716  
(206) 543-6600/Fax: (206) 685-0380

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Nanci Spear  
Eisenhower Professional Development Program  
Alaska Department of Education  
801 West 10th Street, Suite 200  
Juneau, AK 99801-1894  
(907) 465-8718/Fax: (907) 465-3396

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nanci Spear  
Eisenhower Professional Development Program  
Alaska Department of Education  
801 West 10th Street, Suite 200  
Juneau, AK 99801-1894  
(907) 465-2826/Fax: (907) 465-3396

### Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The

R\*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director  
Northwest Educational Technology Consortium  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3297  
(503) 275-0650/Fax: (503) 275-0449  
(800) 211-9435  
E-mail: hanflins@nwrel.org

### **Science and Mathematics Consortium for Northwest Schools**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director  
Science and Mathematics Consortium for Northwest Schools (SMCNWS)  
Columbia Education Center  
171 NE 102 Avenue  
Portland, OR 97220-4169  
(503) 797-4585/Fax: (503) 252-4866  
E-mail: 76106.3006@compuserve.com

## **Department of the Interior (DOI)**

### **Anchorage, Alaska, Public Lands Information Center**

In addition to educational programs on the cultural and natural histories of Alaska, the Anchorage, Alaska, Public Lands Information Center loans educational materials to educators.

Anchorage, Alaska, Public Lands Information Center  
605 West Fourth Avenue  
Anchorage, AK 99501  
(907) 271-2737

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Robert H. Jones  
Bureau of Land Management  
222 West Seventh Avenue, #13  
Anchorage, AK 99513-7599  
(907) 271-3404

### **Earth Science Information Center, Anchorage**

The Anchorage Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Anchorage-ESIC  
4230 University Drive, Room 101  
Anchorage, AK 99508-4664  
(907) 786-7011/Fax: (907) 786-4664  
(800) USA-MAPS

### **Fairbanks, Alaska, Public Lands Information Center**

In addition to educational programs on the cultural and natural histories of Alaska, the Center loans educational materials to educators.

Fairbanks, Alaska, Public Lands Information Center  
250 Cushman Street, Suite 1A  
Fairbanks, AK 99701  
(907) 451-7352

### **Glacier Bay National Park**

In addition to guided tours, Glacier Bay National Park rangers conduct in-school presentations.

Glacier Bay National Park  
P.O. Box 140  
Gustavus, AK 99826  
(907) 697-2230

### **Kenai National Wildlife Refuge**

The Kenai National Wildlife Refuge offers teacher workshops on environmental education relating to wetlands management. Interpretive trails, curriculum materials, and an outdoor education center are also available.

Kenai National Wildlife Refuge  
Ski Hill Road  
P.O. Box 2139  
Soldotna, AK 99669-2139  
(907) 262-7021/Fax: (907) 262-3599

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Alaska Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
949 East 36th Avenue, #110, MS 8000  
Anchorage, AK 99508-4302  
(907) 271-6070/Fax: (907) 271-6805

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Colleen Matt, Project WILD Coordinator  
Alaska Department of Fish and Game  
333 Raspberry Road  
Anchorage, AK 99518-1599  
(907) 267-2241/Fax: (907) 344-7914

### **Tetlin National Wildlife Refuge**

The Tetlin National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. Curriculum materials and programs for students are also available.

Tetlin National Wildlife Refuge  
P.O. Box 779  
Tok, AK 99780  
(907) 883-5312/Fax: (907) 883-5747

### **Yukon Delta National Wildlife Refuge**

The Yukon Delta National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. College credit for these workshops is available. Yukon Delta also hosts an extensive video library.

Outdoor Recreation Planner  
Yukon Delta National Wildlife Refuge  
P.O. Box 346  
Bethel, AK 99559  
(907) 543-3151/Fax: (907) 543-4413

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

William Mailer  
Rural Development Division  
Alaska Department of Community and  
Regional Affairs  
333 West Fourth Avenue, Suite 220  
Anchorage, AK 99501-2341  
(907) 269-4659/Fax: (907) 269-4520

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.



Tom Lane, AAL-5C  
FAA Aviation Education Representative  
222 West Seventh Avenue, Box 14  
Anchorage, AK 99513-7587  
(907) 271-5169/Fax: (907) 276-7261

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Tom Lane, AAL-5C  
FAA Aviation Education Representative  
222 West Seventh Avenue, Box 14  
Anchorage, AK 99513-7587  
(907) 271-5169/Fax: (907) 276-7261

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Tom Lane, AAL-5C  
FAA Aviation Education Representative  
222 West Seventh Avenue, Box 14  
Anchorage, AK 99513-7587  
(907) 271-5169/Fax: (907) 276-7261

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dennis Stephens, Collection Development Officer  
Aviation Education Resource Center  
University of Alaska at Fairbanks  
Elmer E. Rasmuson Library  
Fairbanks, AK 99775-1006  
(907) 474-6695

Dr. Rusty Myers, Project Director  
Aviation Education Resource Center  
Alaska Pacific University  
4101 University  
Anchorage, AK 99508  
(907) 564-8207

Barbara Sokolov, Library Director  
Aviation Education Resource Center  
University of Alaska, Anchorage  
3211 Providence Drive  
Anchorage, AK 99508  
(907) 786-1825

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Tom Lane, AAL-5C  
FAA Aviation Education Representative  
222 West Seventh Avenue, Box 14  
Anchorage, AK 99513-7587  
(907) 271-5169/Fax: (907) 276-7261

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 1200 Sixth Avenue, Mail Stop SO-141  
 Seattle, WA 98101  
 (206) 553-1207/Fax: (206) 553-1809

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10  
 1200 Sixth Avenue  
 Seattle, WA 98101  
 (206) 553-1207/Fax: (206) 553-1809  
 (800) 424-4EPA

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
 Chief, Educational Programs Branch  
 NASA Ames Research Center  
 Mail Stop 204-12  
 Moffett Field, CA 94035  
 (415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Alaska Science Center  
 NASA Regional Teacher Resource Center  
 Alaska Pacific University  
 4101 University Drive  
 Anchorage, AK 99508  
 (907) 564-8207

NASA Ames Research Center  
 Teacher Resource Laboratory  
 Teacher Resource Center  
 Mail Stop T12-A  
 Moffett Field, CA 94035-1000  
 (415) 604-3574

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alaska Space Grant Consortium  
 University of Alaska at Fairbanks  
 223 Duckering Building  
 Fairbanks, AK 99775-5900  
 (907) 474-5206

## **Idaho**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at

land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Arlinda K. Nauman  
State 4-H Director  
Morrill Hall, #103  
University of Idaho  
Moscow, ID 83843

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Rick Watley, President  
Watley Associates  
1741 Gibson Way  
Meridian, ID 83642  
(208) 888-0988

## **Department of Defense (DoD)**

### **Science and Engineering Apprentice Program**

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

George Guedel  
Naval Surface Warfare Center Acoustic Research  
Detachment (NSWC-ARD)  
P.O. Box 129  
Bayview, ID 83803-0129  
(208) 683-2321, ext. 4030

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Tom C. Farley  
Eisenhower Professional Development Program  
Idaho Department of Education  
Len B. Jordan Office Building  
Boise, ID 83720  
(208) 334-2281/Fax: (208) 334-2228

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Tom C. Farley  
Eisenhower Professional Development Program  
Idaho Department of Education  
Len B. Jordan Office Building  
Boise, ID 83720  
(208) 334-2281/Fax: (208) 334-2228

### **Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director  
 Northwest Educational Technology Consortium  
 Northwest Regional Educational Laboratory  
 101 SW Main Street, Suite 500  
 Portland, OR 97204-3297  
 (503) 275-0650/Fax: (503) 275-0449  
 (800) 211-9435  
 E-mail: hanflins@nwrel.org

### **Science and Mathematics Consortium for Northwest Schools**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director  
 Science and Mathematics Consortium for Northwest Schools (SMCNWS)  
 Columbia Education Center  
 171 NE 102 Avenue  
 Portland, OR 97220-4169  
 (503) 797-4585/Fax: (503) 252-4866  
 E-mail: 76106.3006@compuserve.com

## **Department of Energy (DOE)**

### **Idaho National Engineering Laboratory**

Idaho National Engineering Laboratory offers programs and research experiences for educators and students in science, mathematics, engineering, and technology. Programs are coordinated with universities and State departments of education.

Dr. Constance C. Blackwood  
 Idaho National Energy Laboratory  
 1520 Sawtelle Drive  
 Idaho Falls, ID 83405-2437  
 (208) 526-9221/Fax: (208) 526-1880  
 E-mail: cbb@inel.gov

## **Department of the Interior (DOI)**

### **Boise Interagency Fire Center**

The Boise Interagency Fire Center provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
 Boise Interagency Fire Center  
 3905 Vista Avenue  
 Boise, ID 83705  
 (208) 389-2446

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office offers various environmental education and land-management programs, such as the Nose to Nose Program. Information about educational programs, materials, and local land-management issues is also available.

Education Coordinator  
 Bureau of Land Management  
 3880 Americana Terrace  
 Boise, ID 83706  
 (208) 384-3020

### **Bureau of Reclamation Environmental Education**

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh  
 Environmental Education Coordinator  
 Denver Federal Center, D-5100  
 Building 67  
 Denver, CO 80225  
 (303) 236-9336, ext. 223/Fax: (303) 236-3573

### **Craters of the Moon National Monument**

Guided walks and teacher guides that focus on the geology of the area are available at the Craters of the Moon National Monument.

Division of Interpretation  
 Craters of the Moon National Monument  
 Box 29  
 Arco, ID 83213  
 (208) 527-3257

### **Deer Flat National Wildlife Refuge**

An interpretation center at the Deer Flat National Wildlife Refuge displays exhibits and information about wildlife management. Guided walks and lectures are also available.

Deer Flat National Wildlife Refuge  
13751 Upper Embankment Road  
Nampa, ID 83686  
(208) 467-9278/Fax: (208) 467-1019

### **Project Water Education for Teachers (WET)**

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Dorothea "Dotie" Kunz Shuman  
Project WET Coordinator  
IWRRI, 106 Morrill Hall  
University of Idaho  
Moscow, ID 83843  
(208) 885-6429

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

John Gahl, Project WILD Coordinator  
Idaho Fish and Game Department  
P.O. Box 25  
Boise, ID 83707  
(208) 334-2633/Fax: (208) 334-2148  
(800) 422-9453

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Connie Ryals, Director  
Idaho Department of Employment  
317 Main Street  
Boise, ID 83735-0001  
(208) 334-6110/Fax: (208) 334-6430

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.



Herman Payton, ANM-14A  
 FAA Aviation Education Representative  
 1601 Lind Avenue SW  
 Renton, WA 98055-4056  
 (206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

John Maakestad  
 Safety/Information Officer, Chief Pilot  
 Aviation Education Resource Center  
 Idaho State Bureau of Aeronautics  
 3483 Rickenbacker Street  
 Boise, ID 83705-5018  
 (208) 334-8775

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
 FAA Aviation Education Representative  
 1601 Lind Avenue SW  
 Renton, WA 98055-4056  
 (206) 227-2079/Fax: (206) 227-1010

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the

Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 1200 Sixth Avenue, Mail Stop SO-141  
 Seattle, WA 98101  
 (206) 553-1207/Fax: (206) 553-1809

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10  
 1200 Sixth Avenue  
 Seattle, WA 98101  
 (206) 553-1207/Fax: (206) 553-1809  
 (800) 424-4EPA

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.



Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Idaho at Moscow  
NASA Regional Teacher Resource Center  
Idaho Space Grant College Fellowship Program  
College of Education  
Moscow, ID 83843  
(208) 885-6030

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Idaho Space Grant Consortium  
College of Education  
University of Idaho  
Moscow, ID 83844-3080  
(208) 885-5762

## **Montana**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Elizabeth McCoy, 4-H Program Leader  
Taylor Hall  
Montana State University  
Bozeman, MT 59717  
(406) 994-3501

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Marie Hovland  
Agriculture in Montana Schools  
389 Airport Bench Road  
Great Falls, MT 59404-6337  
(406) 727-5045

### **Department of Education (ED)**

#### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Diana Oldham  
Eisenhower Professional Development Program  
Montana Office of Public Instruction  
State Capitol Building  
1300 11th Avenue  
Helena, MT 59620  
(406) 444-4436/Fax: (406) 444-1469

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Richard Crofts  
Eisenhower Professional Development Program  
Montana Office of Commissioner of Higher Education  
2500 Broadway  
Helena, MT 59620-3103  
(406) 444-6570/Fax: (406) 444-1469

### **Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director  
Northwest Educational Technology Consortium  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3297  
(503) 275-0650/Fax: (503) 275-0449  
(800) 211-9435  
E-mail: hanflins@nwrel.org

### **Science and Mathematics Consortium for Northwest Schools**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director  
Science and Mathematics Consortium for Northwest Schools (SMCNWS)  
Columbia Education Center  
171 NE 102 Avenue  
Portland, OR 97220-4169  
(503) 797-4585/Fax: (503) 252-4866  
E-mail: 76106.3006@compuserve.com

### **Department of Energy (DOE)**

#### **Western Area Power Administration (WAPA)**

The Western Area Power Administration conducts the Montana Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Gayle Nansel  
Western Area Power Administration-Billings  
P.O. Box 35800  
Billings, MT 59107-5800  
(406) 247-7437/Fax: (406) 247-7393

## **Department of the Interior (DOI)**

### **Bighorn Canyon National Recreation Area**

Programs at the Bighorn Canyon National Recreation Area, including guided walks and teacher guides, focus primarily on the ecology of Bighorn Canyon.

Division of Interpretation  
Bighorn Canyon National Recreation Area  
P.O. Box 458  
Fort Smith, MT 59035  
(406) 666-2412

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
222 North 32nd Street, P.O. Box 36800  
Billings, MT 59107  
(406) 255-2913

### **Bureau of Reclamation Environmental Education**

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh  
Environmental Education Coordinator  
Denver Federal Center, D-5100  
Building 67  
Denver, CO 80225  
(303) 236-9336, ext. 223/Fax: (303) 236-3573

### **Earth Science Information Center, Rolla**

The Rolla Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Rolla Earth Science Information Center  
1400 Independence Road, Mail Stop 231  
Rolla, MT 65401-2602  
(314) 341-0851

### **Glacier National Park**

Glacier National Park offers environmental education field trips, guided tours, and other activities. Curriculum materials are available for educators.

Hudson Bay District Interpreter  
(for the east side of Glacier)  
Glacier National Park  
St. Mary, MT 59417  
(406) 732-4421

West Lakes District Interpreter  
(for the west side of Glacier)  
Glacier National Park  
West Glacier, MT 59936  
(406) 888-5441, ext. 304

### **National Bison Range**

The National Bison Range offers teacher workshops, environmental education activities for students, and an outdoor education resource library.

Outdoor Recreation Planner  
National Bison Range  
132 Bison Range Road  
Moiese, MT 59824  
(406) 644-2211/Fax: (406) 644-2661

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kurt Cunningham, Project WILD Coordinator  
Department of Fish, Wildlife, and Parks  
1420 East Sixth Avenue  
Helena, MT 59620  
(406) 444-1267/Fax: (406) 444-4952

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ingrid Danielson, Bureau Chief  
State Training Bureau  
Montana Department of Labor and Industry  
P.O. Box 1728  
Helena, MT 59624  
(406) 444-4500/Fax: (406) 444-2638

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Michael D. Ferguson  
Aviation Education Resource Center  
Montana DOT Aeronautics Division  
P.O. Box 5178  
Helena, MT 59601  
(406) 444-2506

### National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
999 18th Street, Suite 500  
One Denver Place, Mail Stop 80EA  
Denver, CO 80202-2405  
(303) 293-1113/Fax: (303) 294-7665

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8  
One Denver Place  
999 18th Street  
Denver, CO 80202-2405  
(303) 294-1113/Fax: (303) 294-7665

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Western Montana College of the University of  
Montana  
NASA Regional Teacher Resource Center  
Carson Library  
710 South Atlantic  
Dillon, MT 59725  
(406) 683-7541

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Montana Space Grant Consortium  
Montana State University  
AJM Johnson Hall  
Bozeman, MT 59717-0350  
(406) 994-6170

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Progress for Montana's Statewide Systemic Initiatives Program includes the addition of a State science director, a draft of the 9th-grade Integrated Mathematics Curriculum, technology grants to schools, and the establishment of technology laboratories on two university campuses.

Johnny Lott  
University of Montana  
Department of Mathematical Science  
Missoula, MT 59812  
(406) 243-2696/Fax: (406) 243-2674

Maurice Burke  
Montana State University  
Mathematics Department  
Bozeman, MT 59717-0240  
(406) 994-5344/Fax: (406) 994-3733

# **Oregon**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Owen D. Osborne  
Interim State 4-H Leader  
Ballard Extension Hall 105  
Oregon State University  
Corvallis, OR 97331-3608  
(503) 737-2711

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

MaLinda Nevin  
Oregon AITC  
17017 Highway 140 East  
Dairy, OR 97625  
(503) 882-3731

## **Department of Commerce (DOC)**

### **National Oceanic and Atmospheric Administration**

The National Oceanic and Atmospheric Administration (NOAA) coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.



Judy Sohl  
Educational Affairs Office  
National Oceanic and Atmospheric  
Administration  
7600 Sand Point Way NE  
Seattle, WA 98115-0070  
(206) 526-6622/Fax: (206) 526-6609

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger  
Washington Sea Grant  
University of Washington, HG-3  
3716 Brooklyn Avenue NE  
Seattle, WA 98105-6716  
(206) 543-6600/Fax: (206) 685-0380

### **South Slough National Estuarine Research Reserve**

Onsite and in-school education programs are offered by the South Slough National Estuarine Research Reserve. Reservations are required. Custom educational programs are offered.

Tom Gaskill, Education Coordinator  
South Slough National Estuarine Research Reserve  
P.O. Box 5417  
Charleston, OR 97420  
(503) 888-5558/Fax: (503) 888-5559

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Wanda Monthey  
Eisenhower Mathematics and Science Program  
Oregon Department of Education  
255 Capitol Street NE  
Salem, OR 97310-0203  
(503) 378-8004, ext. 257/Fax: (503) 378-7968

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Holly Zanville  
Eisenhower Professional Development Program  
Oregon Department of Education  
P.O. Box 3175  
Eugene, OR 97403  
(503) 346-5726/Fax: (503) 346-5764

### **Northwest Regional Educational Laboratory (NWREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director  
Northwest Educational Technology Consortium  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3297  
(503) 275-0650/Fax: (503) 275-0449  
(800) 211-9435  
E-mail: hanflins@nwrel.org

## Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director  
Science and Mathematics Consortium for  
Northwest Schools (SMCNWS)  
Columbia Education Center  
171 NE 102 Avenue  
Portland, OR 97220-4585  
(503) 797-4585/Fax: 252-4866  
E-mail: 76106.3006@compuserve.com

## Department of Energy (DOE)

### Bonneville Power Administration

Bonneville Power Administration participates in a broad range of education programs. Various programs, available for teachers and students, include mathematics and science enhancements, hands-on learning, work-site mentoring and apprenticeships, competitions, environmental education, tutoring, and others. The Administration works with several business, school, and government agency partnerships. Many employees volunteer each year for various programs.

Joan McNamara, Community Education  
Coordinator  
Bonneville Power Administration  
P.O. Box 3621 CKPP  
Portland, OR 97208-3621  
(503) 230-3709/Fax: (503) 230-4019

## Department of the Interior (DOI)

### Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
1300 NE 44th Avenue, P.O. Box 2965  
Portland, OR 97208-2965  
(503) 280-7287

## Crater Lake National Park

Crater Lake National Park guided nature walks focus on geology and environmental education.

Division of Interpretation  
Crater Lake National Park  
Box 7  
Crater Lake, OR 97604  
(503) 594-2211

## John Day Fossil Beds National Monument

Guided walks and lectures focus on the paleontology and geology of the John Day Fossil Beds National Monument. A demonstration laboratory is available.

Division of Interpretation  
John Day Fossil Beds National Monument  
420 West Main  
John Day, OR 97845  
(503) 575-0721

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Shann Weston, Project WILD Coordinator  
Oregon Department of Fish and Wildlife  
P.O. Box 59  
Portland, OR 97207  
(503) 229-5410, ext. 427/Fax: (503) 229-5602

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

William Easley, Manager  
Business Resources Division  
Oregon Economic Development Department  
775 Summer Street NE  
Salem, OR 97310  
(503) 373-1995/Fax: (503) 581-5115

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Elizabeth Johnson  
Oregon Department of Transportation  
Aeronautics Division  
3040 25th Street SE  
Salem, OR 97310-0100  
(503) 378-4882

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **Environmental Research Laboratory**

The Environmental Research Laboratory manages a curriculum development program in addition to a student-scientist mentor program and an outreach lecture series. Other programs include science fairs and Laboratory tours.

U.S. Environmental Protection Agency  
Environmental Research Laboratory  
200 SW 35th Street  
Corvallis, OR 97333  
(503) 754-4684

## EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10  
1200 Sixth Avenue  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809  
(800) 424-4EPA

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audio-tapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Oregon Museum of Science and Industry  
NASA Regional Teacher Resource Center  
1945 SE Water Avenue  
Portland, OR 97214-3354  
(503) 797-4579

## Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oregon Space Grant Consortium  
Department of Nuclear Engineering  
Radiation Center C116  
Oregon State University  
Corvallis, OR 97331-5902  
(503) 737-2414

# Washington

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Patricia Boyes  
Interim Assistant Director, 4-H  
Washington State University-Puyallup Center  
7612 Pioneer Way East  
Puyallup, WA 98371-4998  
(206) 840-4589

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jill Faunce  
Washington Ag in the Classroom  
P.O. Box 786  
Ellensburg, WA 98926-0786  
(509) 284-4019

Doug Hassien  
P.O. Box 4256  
Olympia, WA 98504-256

## Department of Commerce (DOC)

### National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration (NOAA) coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.

Judy Sohl  
Educational Affairs Office  
National Oceanic and Atmospheric  
Administration  
7600 Sand Point Way NE  
Seattle, WA 98115-0070  
(206) 526-6622/Fax: (206) 526-6609

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger  
Washington Sea Grant  
University of Washington, HG-3  
3716 Brooklyn Avenue NE  
Seattle, WA 98105-6716  
(206) 543-6600/Fax: (206) 685-0380

### Padilla Bay National Estuarine Research Reserve

The Padilla Bay National Estuarine Research Reserve offers both onsite and in-school education programs.

Glen Alexander, Education Coordinator  
Padilla Bay National Estuarine Research Reserve  
1043 Bayview-Edison Road  
Mount Vernon, WA 98273  
(206) 428-1558/Fax: (206) 428-1491



## Department of Defense (DoD)

### Naval Submarine Base, Bangor

The Submarine Base in Bangor, Washington, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the area. The commander of Submarine Group Nine coordinates regional partnerships. The commander of Submarine Base, Bangor, is the local coordinator for projects in Bangor and Silverdale.

COMSUBASE, Bangor  
Commander  
Submarine Base, Bangor  
1100 Humley Road  
Silverdale, WA 98315-1199  
(206) 396-4840

COMSUBGRU NINE  
Commander  
Submarine Group Nine  
2150 Thresher Avenue  
Code N-33  
Silverdale, WA 98315-2150  
(206) 396-6095/6118

### Naval Undersea Museum

The Naval Undersea Museum presents exhibits and educational programs that explain the sciences and technologies employed under the sea. Tours and educational programs are available upon request.

Naval Undersea Museum  
610 Dowell Street  
Keyport, WA 98345-7610  
(360) 396-4148, ext. 201

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Peggy Vatter  
Eisenhower Professional Development Program  
Office of the Superintendent of Public Instruction  
Old Capitol Building, P.O. Box 47200  
Olympia, WA 98504-7200  
(360) 753-6757/Fax: (360) 753-6754

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

David Kennedy  
Eisenhower Professional Development Program  
Office of the Superintendent of Public Instruction  
Old Capitol Building, P.O. Box 47200  
Olympia, WA 98504-7200  
(360) 753-6727/Fax: (360) 753-6754

### Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3212  
(503) 275-9500/Fax: (503) 275-9489

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.



Seymour Hanfling, Director  
Northwest Educational Technology Consortium  
Northwest Regional Educational Laboratory  
101 SW Main Street, Suite 500  
Portland, OR 97204-3297  
(503) 275-0650/Fax: (503) 275-0449  
(800) 211-9435  
E-mail: hanflins@nwrel.org

### **Science and Mathematics Consortium for Northwest Schools**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director  
Science and Mathematics Consortium for Northwest Schools (SMCNWS)  
Columbia Education Center  
11325 SE Lexington  
Portland, OR 97266-5927  
(503) 760-2346/Fax: (503) 760-5592  
E-mail: 76106.3006@compuserve.com

### **Department of Energy (DOE)**

#### **Associated Western Universities, Inc.—Northwest Division**

Associated Western Universities, Inc.—Northwest Division offers programs in various scientific fields for both teachers and students.

Associated Western Universities, Inc.—Northwest Division  
723 The Parkway, Suite 100  
Richland, WA 99352  
(509) 946-3800/Fax: (509) 946-3819  
E-mail: info@nw.awv.org

#### **Pacific Northwest National Laboratory (PNL), Science Education Center**

Programs conducted by PNL's Science Education Center bring to bear the science-rich human and technical resources of a national laboratory to enhance national, regional, and local efforts to provide high-quality mathematics, science, and technology education for all students. A comprehensive array of programs provide teacher preparation and enhancement, curriculum development and dissemination, student incentives and opportunities, and State and

regional partnerships. The Science Education Center programs support systemic change throughout the State and region in mathematics, science, and technology education.

Jeff Estes, Deputy Manager  
Pacific Northwest National Laboratory  
University and Science Education Programs  
P.O. Box 999, MS K1-22  
Richland, WA 99352  
(509) 375-2820/Fax: (509) 375-2576  
E-mail: jc\_estes@pnl.gov

### **Regional Science Bowl**

The Department of Energy sponsors a Regional Science Bowl for Washington State high schools in the Tri-cities area. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Bartley Fain  
Human Resources Division  
Richland Operations Office  
P.O. Box 550  
Richland, WA 99352  
(509) 376-8088/Fax: (509) 376-5335

### **Department of the Interior (DOI)**

#### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
1300 NE 44th Avenue, P.O. Box 2965  
Portland, OR 97208-2965  
(503) 280-7287

#### **Earth Science Information Center, Spokane**

The Spokane Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Spokane ESIC  
 West 904 Riverside Avenue  
 U.S. Post Office Building, Room 135  
 Spokane, WA 99201-1088  
 (509) 353-2524/Fax: (509) 353-2872  
 TDD: (509) 353-3235  
 (800) USA-MAPS

### **Mount Rainier National Park**

Mount Rainier National Park offers regularly scheduled guided nature walks and lectures about the Park's ecology, environment, and geology. Contact the Park for a schedule.

Division of Interpretation  
 Mount Rainier National Park  
 Takoma Woods, Star Route  
 Ashford, WA 98304  
 (206) 569-2211

### **Olympic National Park**

Olympic National Park offers teacher workshops, guided nature walks, and curriculum materials that can be used as guides to the Park. Olympic also allows educators to borrow Discovery Trunks that contain educational materials and activities.

Division of Interpretation  
 Olympic National Park  
 600 East Park Avenue  
 Port Angeles, WA 98362-6798  
 (206) 452-4501

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Margaret Tudor, Project WILD Coordinator  
 Washington Department of Wildlife  
 600 Capitol Way North  
 Olympia, WA 98501-1091  
 (206) 753-1702/Fax: (206) 664-3515

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Larry A. Malo, Assistant Commissioner  
 Training and Employment Analysis Division  
 Washington Department of Employment Security  
 605 Woodview Drive SE, Mail Stop KG11  
 Olympia, WA 98504-5311  
 (206) 438-4611/Fax: (206) 438-3174

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A  
 FAA Aviation Education Representative  
 1601 Lind Avenue SW  
 Renton, WA 98055-4056  
 (206) 227-2079/Fax: (206) 227-1010

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Gregory Moyce, Education Program Manager  
Aviation Education Resource Center  
Museum of Flight  
9404 East Marginal Way South  
Seattle, WA 98108  
(206) 764-5700

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A  
FAA Aviation Education Representative  
1601 Lind Avenue SW  
Renton, WA 98055-4056  
(206) 227-2079/Fax: (206) 227-1010

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1200 Sixth Avenue, Mail Stop SO-141  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10  
1200 Sixth Avenue  
Seattle, WA 98101  
(206) 553-1207/Fax: (206) 553-1809  
(800) 424-4EPA

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Washington  
NASA Regional Teacher Resource Center  
AK-50, c/o Geophysics Department  
Seattle, WA 98195  
(206) 543-1943

### **Space Grant Consortium**

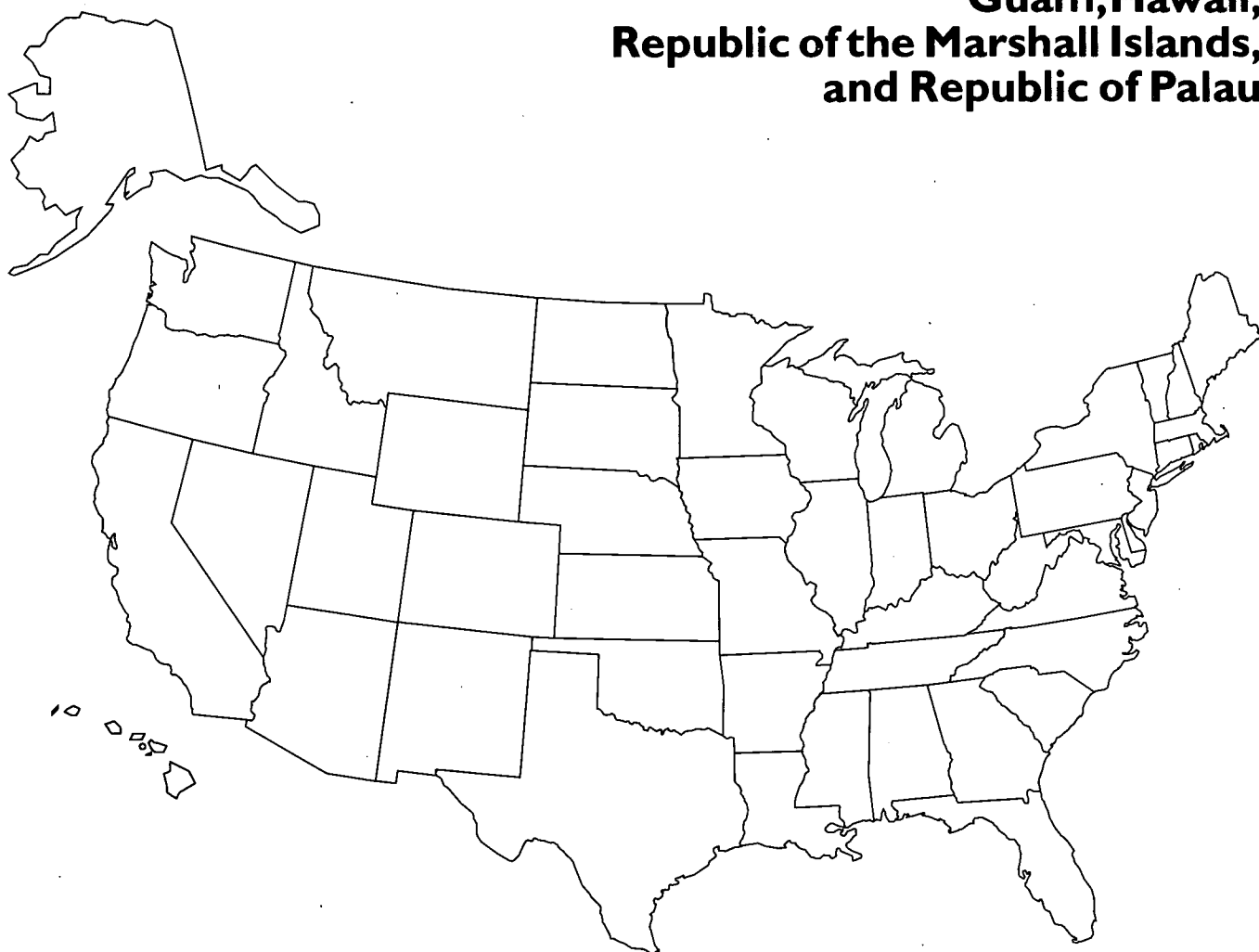
The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

University of Washington  
Washington Space Grant Consortium  
Space Grant Box 351650  
Seattle, WA 98195-1650  
(206) 543-1943

# Pacific

## Areas Served:

**American Samoa,  
Commonwealth of the Northern Mariana Islands,  
Federated States of Micronesia  
(Chuuk, Kosrae, Pohnpei, and Yap),  
Guam, Hawaii,  
Republic of the Marshall Islands,  
and Republic of Palau**



# Pacific Mathematics and Science Regional Consortium

The Pacific Mathematics and Science Regional Consortium is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium serves 10 Pacific Island entities. Its mission is to support professional communities of educators and their partners as they work to improve mathematics and science teaching and learning. The Pacific Consortium believes the path to improvement in the classroom lies within and through teachers' professional communities, which generate knowledge, craft new standards, and sustain participants in their efforts to reflect, examine, experiment, and change. To this end, the Consortium focuses on providing technical assistance in implementation, innovation, and dissemination of exemplary materials, teaching strategies, and assessment resources for use by elementary and secondary students, teachers, and administrators.

Given the cultural, linguistic, economic, and environmental diversity of the Pacific region, and the geographic isolation of a significant number of the region's teachers, many of the projects and programs supported by the Pacific Consortium involve long-term and multiphase professional developments that combine a variety of models: training, teacher as researcher, study groups, teacher case studies, credit coursework, and a new educator-in-residence approach. Consortium support often incorporates a training-of-trainers model to ensure that local resources are available; makes use of local, regional, and national telecommunications networks; and builds in local adaptations that recognize and celebrate the diversity that enriches Pacific education. One major feature of the Pacific Consortium is the Mathematics and Science Leadership Team, which consists of the mathematics and science specialists from each entity. The team is the core development

and implementation group for all regional documents and projects carried out through the Consortium. It also determines the kinds of activities to be carried out in the home entities of the team members, as well as monitoring and facilitating a competition called "Visions and Dreams Grants" for each entity's schools and teachers. The competition is funded through the Pacific Consortium. Below are some of the activities the Leadership Team has developed or is implementing across the region and within each entity.

Based on work originating at Stanford University and the Far West Regional Educational Laboratory in San Francisco, the Pacific Consortium is working with the Mathematics and Science Leadership Team and several self-selected school sites to use case discussions to focus on professional development needs.

The Consortium uses the Pacific Educational Conference to highlight its activities of interest to the region's educators, disseminate information about the Consortium's regional and entity-specific projects, demonstrate effective classroom practices and quality assessment strategies, and disseminate exemplary materials.

The Pacific Consortium supports regionwide and individual entity initiatives. It works in partnership with the University of Hawaii's Curriculum Research and Development Group (CRDG), whose staff support the work of the Leadership Team and provide training and technical assistance in implementing regionally and nationally recognized courses and projects. In collaboration with the CRDG mathematics and science faculty, the team has developed Pacific Standards for Excellence in Mathematics and Pacific Standards for Excellence in Science and Pacific Standards for Excellence in Teaching, Assessment, and Professional Development. These standards are appropriate for the region and aligned with world-class standards.



The Consortium is encouraging a network of teachers across the Pacific and beyond to share information, ideas, and projects via Far-Reaching Information Sharing (FISHnet).

The Yap Classroom Learning Assessment Project is a multiphase initiative that addresses improvement in classroom assessment, curriculum, and instruction through training of trainers and direct teacher training. The Commonwealth of the Northern Mariana Islands (CNMI) Performance Assessment Project is similar to the Yap Project. Program managers (specialists) in the Commonwealth of the Northern Mariana Islands have formed a training team that is developing performance tasks, assessment criteria, and scoring rubrics.

A Guam Mathematics Project involves teachers—1 from each of the 29 public elementary schools and middle schools—in learning how to teach and assess school mathematics for understanding. Ten of these teachers will receive additional staff development to become trainers within the local school district.

School/Community-Based Management (SCBM) Projects in Hawaii schools involve Consortium staff and partners from the University of Hawaii in residence 1–2 days per month to provide focused technical assistance (developing curriculum, creating active learning environments, using heterogeneous work groups, and conducting classroom assessments) to small groups of teachers who plan and implement integrated thematic units.

The Pacific Consortium uses diverse resources to meet the needs of the region's mathematics and science educators. *Voyages in Mathematics and Science* is a quarterly teacher-oriented publication that emphasizes practical applications of quality mathematics and science strategies.

Another effort of the Pacific Consortium is to familiarize educators with technologies that can improve and enhance the teaching and learning of science and mathematics in the region's classrooms. The mechanism for this effort is the Pacific Regional Technology Demonstration Site, which was in Honolulu but has now begun to move to other locales in the region. The demonstration site is a multiprong partnership among the Eisenhower National Clearinghouse (ENC), Pacific Consortium, departments of education, and other educational institutions in the region.

Developed through the collaborative efforts of the 10 regional educational laboratories' Laboratory Networking Project (LNP), the Pacific Consortium provides exemplary resources for training in alternative assessment as well as in successful practices in mathematics and science education. A database, also developed through interlaboratory collaboration and housed at the Consortium, describes alternative assessments in mathematics and science. Hard copies are available.

**Paul S. Dumas, Director**  
**Kathy Busick, Program Specialist**  
**Alice Borja, Program Specialist**  
**Jayne Higa, Program Specialist**

Eastern Pacific Service Center  
Pacific Mathematics and Science Regional  
Consortium  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813–4321  
(808) 533–6000 / Fax: (808) 533–7599  
WWW: <<http://prel.hawaii.edu/programs/math-science/index.html>>

**Tom Pangelinan, Program Specialist**

Western Pacific Service Center  
Bank of Hawaii Building, Suite 203  
Marina Heights Business Park  
PPP 145, Box 10000  
Puerto Rico, Saipan, MP 96950

**Pam Legdesog, Program Specialist**

Yap Service Center  
P.O. Box 985  
Colonia, Yap, FM 96943

# American Samoa

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Ropeti Areta, Acting State 4-H Leader  
American Samoa Land Grant  
P.O. Box 2609  
Mapusaga, AS 96799  
(684) 699-2019

## Department of Commerce (DOC)

### Fagatele Bay National Marine Sanctuary

The Fagatele Bay National Marine Sanctuary offers in-school presentations and sponsors the Marine Science Summer Camp, a research-oriented 2-week classroom, laboratory, and field-experience program.

Punipua Lagai, Education Coordinator  
Fagatele Bay National Marine Sanctuary  
P.O. Box 4318  
Pago Pago, AS 96799  
(684) 633-7354/Fax: (684) 633-7355

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

## Department of Education (ED)

### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director  
Eastern Pacific Service Center  
Pacific Mathematics and Science Regional Consortium  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813-4321  
(808) 533-6000/Fax: (808) 533-7599

### Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: kroc@csulb.edu

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Unifareti Mamea, Director  
Department of Human Resources  
American Samoa Government  
Pago Pago, AS 96799  
(684) 633-4485/Fax: (684) 633-1139

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **Commonwealth of the Northern Mariana Islands**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Antonio Santos, Acting Director, 4-H  
Northern Marianas College  
P.O. Box 1250  
Saipan, MP 96950  
(670) 234-9022

### **Department of Commerce (DOC)**

#### **National Sea Grant College Program, Operation Pathfinder Program**

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Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

## Department of Education (ED)

### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Tom Pangelinan, Program Specialist  
Western Pacific Service Center  
Bank of Hawaii Building, Suite 203  
Marina Heights Business Park  
PPP 145, Box 10000  
Puerto Rico, Saipan, MP 96950

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Pacific Region Educational Laboratory  
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Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

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Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Florida De La Cruz, Executive Director  
Marianas JTPA Program  
Office of the Governor  
Commonwealth of the Northern Mariana Islands  
Saipan, MP 96950  
(670) 664-7000/7001/Fax: (670) 322-5096

## Federated States of Micronesia

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Anita R. Suta  
Director, Cooperative Extension Service  
College of Micronesia  
P.O. Box 1179  
Kolonias, Pohnpei, FM 96941

## **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Ruben Dayrit  
CTAS/College of Micronesia  
Kolonias, Pohnpei, FM 96941  
(691) 320-2738/Fax: (691) 320-2726

## **Department of Commerce (DOC)**

### **National Sea Grant College Program, Operation Pathfinder Program**

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Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

## **Department of Education (ED)**

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Legdesog, Program Specialist  
Yap Service Center  
P.O. Box 985  
Colonia, Yap, FM 96943

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Pacific Region Educational Laboratory  
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## **Regional Technology in Education Consortium (R\*TEC)**

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Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocapi@csulb.edu

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Kohne K. Ramon, Acting Director  
Office of Administrative Services  
Government of the Federated States of Micronesia  
P.O. Box 490  
Kolonias, Pohnpei, FM 96941  
(691) 320-2618/Fax: (691) 320-5854

# Guam

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Theodore M. Iyechade  
4-H Program Leader  
College of Agriculture and Life Sciences  
CES, 4-H, and Youth  
University of Guam  
Mangilao, GU 96923  
(671) 734-4753

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Victor Artero  
College of Agriculture and Life Sciences  
University of Guam  
Mangilao, GU 96923  
(671) 734-2575/Fax: (671) 734-6842

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

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Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

## Department of Defense (DoD)

### U.S. Naval Forces Marianas, Guam

The U.S. Naval Forces Marianas in Guam participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

COMNAVMARIANAS GQ  
Commander  
U.S. Naval Forces Marianas  
PSC 489, Box 28  
FPO AP 96536-0051  
(671) 349-5212

## Department of Education (ED)

### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director  
Eastern Pacific Service Center  
Pacific Mathematics and Science Regional Consortium  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813-4321  
(808) 533-6000/Fax: (808) 533-7599

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Pacific Region Educational Laboratory  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813  
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Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in  
Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Peter S. Calvo, Director  
Agency for Human Resources Development  
P.O. Box CP  
Agana, GU 96910  
(671) 646-9341/Fax: (671) 646-9339

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

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EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **Hawaii**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Gary W. Gerhard, Program Leader  
4-H Youth Development  
University of Hawaii at Manoa  
3050 Maile Way  
Honolulu, HI 96822  
(808) 956-8327

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State man-

ages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Michael Barros  
Department of Education  
2530 10th Avenue  
Building A, Room 23  
Honolulu, HI 96816  
(808) 733-9125

## **Department of Commerce (DOC)**

### **Hawaiian Islands Humpback Whale National Marine Sanctuary**

Hawaiian Islands Humpback Whale National Marine Sanctuary was congressionally designated in November 1992. A Sanctuary Management Plan that includes an education and interpretation section is under development. Current educational activities available to visitors and residents highlight the humpback whale and Hawaii's unique marine environment.

Allen Tom, Manager  
Hawaiian Islands Humpback Whale National  
Marine Sanctuary  
726 South Kihei Road  
Kihei, HI 96753  
(808) 879-2818/Fax: (808) 874-3815  
(800) 831-4888 (Neighbor Islands)

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

### **Waimanu Valley National Estuarine Research Reserve**

Limited educational activities are offered at Waimanu Valley, which is accessible only by a rigorous 7.5 mile trail.

Peter Schuyler, Education Coordinator  
Waimanu Valley National Estuarine Research  
Reserve  
Division of Forestry and Wildlife  
1151 Punchbowl Street  
Hilo, HI 96813  
(808) 587-0054 (Honolulu)/Fax: (808) 587-0064  
(808) 933-4221 (Hilo)

## **Department of Defense (DoD)**

### **Naval Base, Pearl Harbor**

The Naval Base in Pearl Harbor participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

COMNAVBASE, Pearl Harbor HI  
Commander  
Naval Base  
Pearl Harbor, HI 96860-5350  
(808) 474-4750

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Justin Mew or Kathleen Nishimura  
Eisenhower Professional Development Program  
189 Lunalilo Home Road, Second Floor  
P.O. Box 2360  
Honolulu, HI 96825  
(808) 396-2567/Fax: (808) 548-5390

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher

enhancement through both inservice and preservice programs.

Thomas W. Sileo  
Eisenhower Professional Development Program  
University of Hawaii, College of Education  
1776 University Avenue  
Honolulu, HI 96825  
(808) 956-7704/Fax: (808) 956-3106

### **Pacific Mathematics and Science Regional Consortium**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director  
Eastern Pacific Service Center  
Pacific Mathematics and Science Regional Consortium  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813-4321  
(808) 533-6000/Fax: (808) 533-7599

### **Pacific Region Educational Laboratory (PREL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director  
Pacific Region Educational Laboratory  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813  
(808) 533-6000/Fax: (808) 533-7599

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard

Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

## **Department of Energy (DOE)**

### **Regional Science Bowl**

The Department of Energy sponsors a Regional Science Bowl for Hawaii high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Eileen Yoshinaka  
P.O. Box 50168  
Honolulu, HI 96850  
(808) 541-2564/Fax: (808) 541-2562

## **Department of the Interior (DOI)**

### **Haleakala National Park**

Guided environmental field trips for school groups are the primary activities offered at Haleakala National Park. Teacher guides and previsit materials are provided for field trip participants.

Division of Interpretation  
Haleakala National Park  
P.O. Box 369  
Makawao, Maui, HI 96768  
(808) 572-9306

### **Hawaii Volcanoes National Park**

The Hawaii Volcanoes National Park offers nature and orientation walks to inform students about the geological mechanics of volcanoes.

Division of Interpretation  
Hawaii Volcanoes National Park  
P.O. Box 52  
Hawaii Volcanoes National Park, HI 67918  
(808) 967-7311

### **Kaloko-Honokohau National Historical Park**

Kaloko-Honokohau National Historical Park offers guided walks and activities to educate students

about the geology, anthropology, biology, and history within the Park.

Division of Interpretation  
Kaloko-Honokohau National Historical Park  
73-4786 Kanalani Street, #14  
Kailua-Kona, HI 96740  
(808) 329-6881

### **Kauai National Wildlife Refuge Complex**

Guided tours and teacher guides that focus on environmental education are available upon request at the Kauai National Wildlife Refuge Complex.

Public Use Manager  
Kauai National Wildlife Refuge Complex  
P.O. Box 87, Kilauea  
Kauai, HI 96740  
(808) 828-1413/Fax: (808) 828-6634

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Randy Honebrink, Project WILD Coordinator  
Hawaii Division of Aquatic Resources  
1151 Punchbowl Street  
Honolulu, HI 96813  
(808) 587-0111/Fax: (808) 587-0115

Colleen Murakami, Project WILD Coordinator  
Department of Education  
189 Lunalilo Home Road  
Honolulu, HI 96825  
(808) 396-2572/Fax: (808) 548-5390

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dayton Nakanelua, Director  
Hawaii Department of Labor and Industrial  
Relations  
830 Punchbowl Street, Room 320  
Honolulu, HI 96813  
(808) 586-8844/Fax: (808) 586-9099

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
Worldway Postal Center  
P.O. Box 92007  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
Worldway Postal Center  
P.O. Box 92007  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
Worldway Postal Center  
P.O. Box 92007  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Veronica Balsa, Director  
Aviation Education Resource Center  
Mid-Pacific Institute  
Aviation/Space Science  
2445 Kaala Street  
Honolulu, HI 96822  
(808) 973-5000

Rodney M. Kuba, Airports Division  
Aviation Education Resource Center  
State of Hawaii Department of Transportation  
Honolulu International Airport  
Gate 29, EWA Service Court Road  
Honolulu, HI 96819-1898  
(808) 836-6542

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F  
FAA Aviation Education Representative  
Worldway Postal Center  
P.O. Box 92007  
Los Angeles, CA 90009  
(310) 297-0556/Fax: (310) 297-0706

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.



EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull  
Chief, Educational Programs Branch  
NASA Ames Research Center  
Mail Stop 204-12  
Moffett Field, CA 94035  
(415) 604-5543

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center  
Teacher Resource Laboratory  
Teacher Resource Center  
Mail Stop T12-A  
Moffett Field, CA 94035-1000  
(415) 604-3574

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Barbers Point Elementary School  
NASA Regional Teacher Resource Center  
Boxer Road  
Barbers Point Naval Air Station  
Ewa Beach, HI 96706  
(808) 673-7410

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Hawaii Space Grant Consortium  
Department of Planetary Geosciences  
2525 Correa Road  
University of Hawaii at Manoa  
Honolulu, HI 96822  
(808) 956-3147

## **Republic of the Marshall Islands**

### **Department of Commerce (DOC)**

#### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106



## Department of Education (ED)

### Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director  
Eastern Pacific Service Center  
Pacific Mathematics and Science Regional Consortium  
828 Fort Street Mall, Suite 500  
Honolulu, HI 96813-4321  
(808) 533-6000/Fax: (808) 533-7599

### Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

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Pacific Region Educational Laboratory  
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(808) 533-6000/Fax: (808) 533-7599

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Antonio Elio  
Minister of Social Services  
P.O. Box 1138  
Majuro, MH 96960  
(692) 625-3345

## Republic of Palau

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe  
Hawaii Sea Grant  
University of Hawaii  
1000 Pope Road, MSB 225  
Honolulu, HI 96822  
(808) 956-2860/Fax: (808) 956-9106

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Kevin Rocap and Mike Webb, Co-Directors  
 Southwest & Pacific Regional Technology in  
 Education Center  
 c/o College of Education  
 California State University, Long Beach  
 1250 Bellflower Boulevard  
 Long Beach, CA 90840-2201  
 (310) 985-1570/Fax: (310) 985-4528  
 E-mail: krocap@csulb.edu

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Keral Mariur, Executive Director  
 Private Industry Council/SJTCC  
 P.O. Box 1138  
 Koror, PW 96940  
 (680) 488-2513/Fax: (680) 488-1725

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 75 Hawthorne Street  
 San Francisco, CA 94105  
 (415) 744-1581/Fax: (415) 744-1605

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition.

Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9  
75 Hawthorne Street  
San Francisco, CA 94105  
(415) 744-1581/Fax: (415) 744-1605

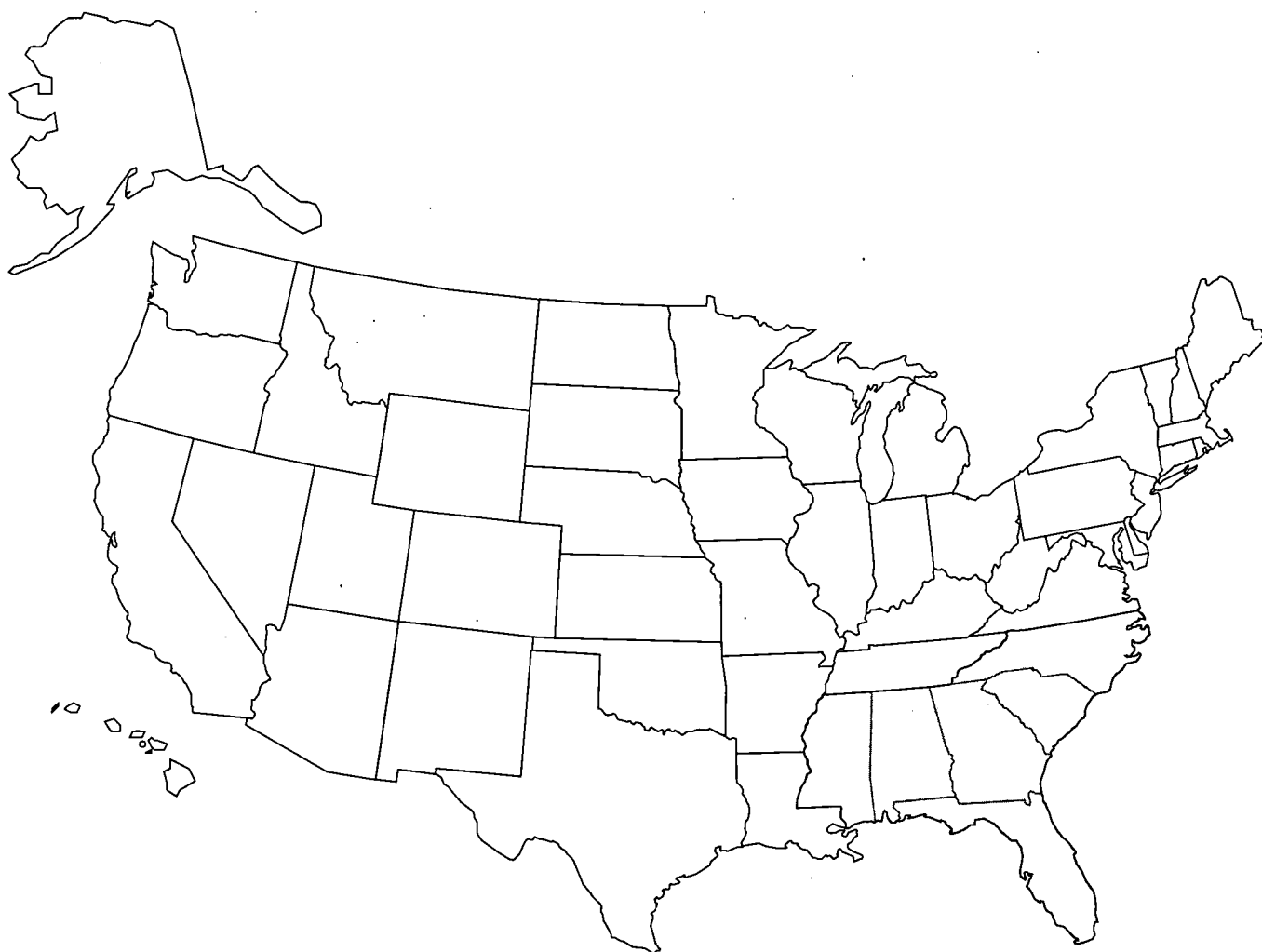
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# Southeast

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## Areas Served:

**Alabama, Florida,  
Georgia, Mississippi,  
North Carolina, and  
South Carolina**



# Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Consortium for Mathematics and Science Education at SERVE is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Eisenhower Consortium is a coalition of educators, business leaders, Governors, and policymakers that is seeking to promote systemic reform in mathematics and science education in its region. In collaboration with other stakeholders in the region, the Consortium works to expand and enhance mathematics and science education by providing technical assistance, linking and coordinating resources, using technology, and disseminating information about successful practices. The Consortium's goal is to empower educators in the Southeast to provide quality mathematics and science programs for all students.

In keeping with the Consortium's philosophy of decentralizing technical assistance through the use of field offices, three of the Consortium's Program Specialists are housed in offices in three States outside of Florida (Greensboro, NC, Atlanta, GA, and Cleveland, MS).

Since its inception, the Consortium has been involved in Laboratory Network Programs (LNPs) and has served on task forces with other Consortia. The Consortium provided lead responsibility in the identification of exemplary mathematics and science programs for LNP's Successful Practices effort. The Consortium also provided lead responsibility in the development and publication of a resource guide for the National Network of Eisenhower Regional Consortia and Clearinghouse (NNERCC) Equity Task Force. The Consortium is also participating with other Consortia in the production of a CD-ROM for professional development.

Many of the region's stakeholders have been involved in the development of the Eisenhower Consortium, as well as in its programs and projects. Mathematics and science specialists, State- and district-level administrators, and Eisenhower State Grant program coordinators were involved in the identification of exemplary programs and practices.

The Consortium sponsors two institutes and has developed a new technical assistance academy designed to bring the Consortium's efforts to the local level.

The Eisenhower Consortium's Promising Practices Leadership Institute, an annual event held each September, showcases the talents and enhances the leadership skills of past Promising Practice award winners, NSF projects, and other exemplary programs from across the region and nationwide. District or school level teams are invited from each of the six SERVE States to participate in concurrent sessions highlighting these programs for the purpose of developing implementation strategies when they return home as well as networking with colleagues from within their States and the Southeast.

The Southeastern Consortium for Minorities in Engineering (SECME) Summer Institute provides an opportunity for teachers to learn new teaching strategies and motivational techniques, increase awareness of the academic preparation required for entering the field of engineering, and receive information about career opportunities in engineering. Participants are now better able to motivate and prepare precollege students for entering college and completing studies in engineering, mathematics, and science.

The cornerstone of the Consortium's delivery of technical assistance to the region is the newly formed Technical Assistance Academy for Mathematics and Science Services (TAAMSS). The Academy's goal is to provide high quality professional development to a

cadre of selected participants (such as lead teachers and staff developers) from each State who can function as regional experts in training teachers and other players in strategies for improving the teaching of mathematics, science, and technology. The participants were selected from state departments of education, universities, Systemic Initiatives, regional centers, and from local districts, especially those recognized in "critical" need. The Academy will provide training for an array of topics including technology, facilitative leadership for change, alternative assessment, curriculum frameworks, implementing national standards, and grant writing.

The Consortium also sponsors broad-based community outreach activities. The Consortium's goal is to promote positive change in community and parental perceptions of and expectations for mathematics and science by developing or supporting community-based programs that emphasize the importance of a solid foundation in mathematics and science.

"Family Science," a series of classes stressing activity-based cooperative learning in science developed by EQUALS, is one of the targeted activities.

The Eisenhower Consortium at SERVE distributes SERVE catalogs and publications as well as publications from ENC, CeDAR, and NSF. The Consortium also distributes its own publications. *Action Research: Perspectives From Teachers' Classrooms* is a monograph consisting of studies conducted and reported by middle school science teachers for Florida State University's Science FEAT (Science For Early Adolescence Teachers) program. *Policy Brief: The Need for Improved Mathematics and Science Education* depicts the status of mathematics and science education in the region and the need for improvement. A newsletter, *Common Denominator*, is published twice a year with a special focus for each issue, past topics included: systemic reform, equity, and informal science.

Dr. Francena D. Cummings, Director  
Karen Charles, Program Specialist (NC/SC)  
Cheryl Cliett, Program Specialist (FL)  
John Roberts, Program Specialist (AL/MS)  
Lorie Donoho, Program Specialist (GA)  
Michael Vigliano, Research Associate

Eisenhower Consortium for Mathematics and  
Science Education at SERVE  
345 South Magnolia Drive, Suite E-22  
Tallahassee, FL 32301-2950  
(904) 671-6033/Fax: (904) 671-6010  
(800) 854-0476



# Alabama

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gregory K. Hutchins  
Extension Assistant Director  
4-H Youth Development Programs  
108 Duncan Hall  
Auburn, AL 36849  
(205) 844-5540

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jane Alice Lee  
2101 Bell Road  
Montgomery, AL 36117  
(205) 272-2611

Brenda Summerlin  
Department of Agriculture and Industries  
P.O. Box 3336  
Montgomery, AL 36193

## Department of Commerce (DOC)

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

### Weeks Bay National Estuarine Research Reserve

The Weeks Bay National Estuarine Research Reserve offers onsite and outreach education programs.

L.G. Adams, Education Coordinator  
Weeks Bay National Estuarine Research Reserve  
Office of the Governor  
Department of Economic and Community Affairs  
11300 U.S. Highway 98  
Fairhope, AL 36532  
(334) 928-9792/Fax: (334) 928-1792

## Department of Defense (DoD)

### Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. Although the following participating programs are both located at Redstone Arsenal, they are separate operations.

Dr. Katie Blanding  
Army Missile Command (MICOM)  
Redstone Arsenal, AL 35898-5248  
(205) 876-9296

Dr. Katie Blanding  
Army Test, Measurement, and Diagnostic  
Equipment Activity (TMDE-A)  
Redstone Arsenal, AL 35898-5400  
(205) 876-9296

### U.S. Army Aviation Museum

The museum's displays depict the transformation of aviation technology from 1918 to the present. Guided tours are possible through advance arrangements.

U.S. Army Aviation Museum  
P.O. Box 610620  
Fort Rucker, AL 36362-0610  
(334) 255-3036

## Department of Education (ED)

### Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Roberts, Program Specialist  
Eisenhower Consortium for Mathematics and Science Education at SERVE  
Delta State University  
West Sunflower Road-Ewing Hall, Room 373  
Box 3183  
Cleveland, MS 38732  
(601) 846-4384/Fax: (601) 846-4402  
(800) 326-4548

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Tyson Thompson/Frankie Mitchum  
Eisenhower Professional Development Program  
Alabama Department of Education  
5348 Gordon Persons Building  
50 North Ripley Street  
Montgomery, AL 36130-3901  
(334) 242-8199/Fax: (334) 242-0496

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Elizabeth C. French  
Eisenhower Professional Development Program  
Alabama Commission on Higher Education  
3465 Norman Bridge Road  
Montgomery, AL 36105-2310  
(334) 281-1921/Fax: (334) 281-6711

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Alabama  
50 North Ripley Street  
5114 Gordon Persons Building  
Montgomery, AL 36130  
(205) 242-9758/Fax: (205) 242-9708

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## Department of the Interior (DOI)

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
New Orleans, LA 70123-2394  
(504) 736-2595/Fax: (504) 736-2459

### Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jerry deBin, Project WILD Coordinator  
Alabama Division of Game and Fish  
64 North Union Street  
Montgomery, AL 36130  
(205) 242-3623/Fax: (205) 242-3032

### Russell Cave National Monument

Programs include guided tours that focus on the anthropology and geology of Russell Cave National Monument.

Division of Interpretation  
Russell Cave National Monument  
Route 1, Box 175  
Bridgeport, AL 35740  
(205) 495-2672

### Wheeler National Wildlife Refuge

Wheeler National Wildlife Refuge programs include guided tours and lectures that focus on wildlife management.

Visitor Center  
Wheeler National Wildlife Refuge  
Route 4, Box 250  
Decatur, AL 35603  
(205) 353-7243/Fax: (205) 340-9728

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Charles B. Stults, Chief  
Job Training Division  
Alabama Department of Economic and  
Community Affairs  
401 Adams Avenue  
P.O. Box 5690  
Montgomery, AL 36103-5690  
(205) 242-5300/Fax: (205) 242-5855

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Megan Johnson, Director  
Aviation Education Resource Center  
Alabama Aviation and Technical College  
Learning Resource Center  
P.O. Box 1209  
Ozark, AL 36361  
(205) 774-5113

Michele R. Walker, Programming Coordinator  
Aviation Education Resource Center  
University of North Alabama  
UNA Box 5145  
Florence, AL 35632-0001  
(205) 760-4623

Gary W. Kiteley, Executive Director  
Aviation Education Resource Center  
University Aviation Association  
3410 Skyway Drive  
Opelika, AL 36801  
(205) 844-2434

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
 Environmental Protection Agency  
 345 Courtland Street NE  
 Atlanta, GA 30365  
 (404) 347-3004/Fax: (404) 347-3721

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
 345 Courtland Street NE  
 Atlanta, GA 30365  
 (404) 347-3004/Fax: (404) 347-3721

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director  
 Education Programs Office  
 Mail Code CL01  
 NASA Marshall Space Flight Center  
 Huntsville, AL 35812-0001  
 (205) 544-8800

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
 NASA Teacher Resource Center for Marshall  
 Space Flight Center  
 P.O. Box 070015  
 Huntsville, AL 35807-7015  
 (205) 544-5812

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alabama Space Grant Consortium  
 University of Alabama in Huntsville  
 Materials Science Building, Room 205  
 Huntsville, AL 35899  
 (205) 895-6800

## **Florida**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.



Susan G. Fisher, Assistant Dean  
4-H and Youth Development  
University of Florida  
P.O. Box 110520  
Gainesville, FL 32611-0520  
(904) 392-1744

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Doty Wenzel  
545 East Tennessee  
Black Building, Room 206  
Tallahassee, FL 32308  
(904) 487-4973/Fax: (904) 922-2189

## **Department of Commerce (DOC)**

### **Apalachicola Bay National Estuarine Research Reserve**

The Apalachicola Bay National Estuarine Research Reserve offers onsite and outreach education programs, including natural history field trips and classroom estuarine curricula.

Eric Lovestrand, Education Coordinator  
Apalachicola Bay National Estuarine Research Reserve  
261 Seventh Street  
Apalachicola, FL 32320  
(904) 653-8063/Fax: (904) 653-2297

### **Atlantic Oceanographic and Meteorological Laboratory**

The Atlantic Oceanographic and Meteorological Laboratory manages a speakers bureau for in-school presentations. The Laboratory also supports a partnership program with local schools. It also provides opportunities for students to participate in an Executive Intern Program, Summer Intern Program, and Laboratory Research Program.

Dr. Howard A. Friedman  
(Hurricane Information)  
Atlantic Oceanographic and Meteorological Laboratory  
National Oceanic and Atmospheric Administration  
Hurricane Research Division  
4301 Rickenbacker Causeway, Virginia Key  
Miami, FL 33149  
(305) 361-4400/Fax: (305) 361-4402  
E-mail: [friedman@aoml.erl.gov](mailto:friedman@aoml.erl.gov)

### **Florida Keys National Marine Sanctuary**

The Florida Keys National Marine Sanctuary offers onsite (in-the-water) interpretive programs for students of all ages. In-school presentations may also be arranged. This sanctuary manages Key Largo and Looe Key education programs. Brochures are available on coral reef ecosystems.

Pamela James, Program Manager  
Florida Keys National Marine Sanctuary  
P.O. Box 500368  
Marathon, FL 33050  
(305) 743-2437/Fax: (305) 743-2357

### **Marine Fisheries Southeast Regional Office**

The Marine Fisheries Southeast Regional Office supports a partnership program with local schools and coordinates a speaker's bureau in which marine biologists visit the classroom.

Dan Furlong, Deputy Regional Director  
National Marine Fisheries Service, Southeast Region  
National Oceanic and Atmospheric Administration  
9721 Executive Center Drive North  
St. Petersburg, FL 33702-2432  
(813) 570-5301/Fax: (813) 570-5300

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.



Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

### **Rookery Bay National Estuarine Research Reserve**

In addition to workshops for teacher and environmental professionals, the Rookery Bay National Estuarine Research Reserve also provides field studies, onsite boat tours for students, and outreach programs.

Mary V. Hinchcliff, Education Coordinator  
Rookery Bay National Estuarine Research Reserve  
10 Shell Island Road  
Naples, FL 33962  
(941) 775-8845/Fax: (941) 775-7606

## **Department of Defense (DoD)**

### **Air Force Armament Museum**

The Air Force Armament Museum displays aircraft and the advancement of technology in missile and rocket science. Exhibits include missiles, launching and targeting systems, and the historical aspects of rocket science.

Air Force Armament Museum  
100 Museum Drive  
Eglin Air Force Base, FL 32542-5000  
(904) 882-4062

### **Chief of Naval Education and Training, Pensacola**

The Chief of Naval Education and Training in Pensacola, Florida, coordinates participation in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the panhandle of Florida. The Naval Education and Training Program Management Support Activity (NETPMSA) is also available for students and teachers within the Pensacola area.

CNET, Pensacola FL  
Chief of Naval Education and Training  
250 Dallas Street, Code OOK  
Pensacola, FL 32508-5100  
(904) 452-4837

### **National Museum of Naval Aviation**

The National Museum of Naval Aviation is dedicated to the aviation history of the Navy, the Marine Corps, and the Coast Guard. Exhibits include an actual bridge and flight deck of an aircraft carrier as well as numerous exhibits that focus on the technology of naval aeronautics. The museum has 250,000 square feet of display space and more than 100 actual aircraft on display. Tours are available upon request.

National Museum of Naval Aviation  
1750 Radford Boulevard, Suite C  
Pensacola, FL 32508-5402  
(904) 452-3604

### **Naval Base, Jacksonville**

The Naval Base in Jacksonville participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Florida and in Alabama, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

COMNAVBASE, Jacksonville  
Commander  
Naval Base, Jacksonville  
Naval Air Station, Box 102, Attn. FSC  
Jacksonville, FL 32212-0102  
(904) 772-5380

## **Department of Education (ED)**

### **Eisenhower Consortium for Mathematics and Science Education at SERVE**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Chery Cliett, Program Specialist  
Eisenhower Consortium for Mathematics and Science Education at SERVE  
345 South Magnolia Drive, Suite E-22  
Tallahassee, FL 32301-2950  
(904) 671-6033/Fax: (904) 671-6010  
(800) 854-0476

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained

and intensive high-quality professional development through inservice programs.

Peggy Primicerio  
Eisenhower Professional Development Program  
Florida Department of Education  
Florida Education Center, Suite 522  
325 West Gaines Street  
Tallahassee, FL 32399-0400  
(904) 488-6547/Fax: (904) 921-9059

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Lewis W. Wagar, Director  
Postsecondary Education, Policy Unit  
Eisenhower Professional Development Program  
Florida Department of Education  
Florida Education Center-1701 Capitol  
Tallahassee, FL 32399  
(904) 488-1812/Fax: (904) 921-5776

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Florida  
345 South Magnolia Drive, Suite E-22  
Tallahassee, FL 32301-2950  
(904) 671-6000/Fax: (904) 671-6010  
(800) 352-6001

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## **Department of Energy (DOE)**

### **Pinellas Plant**

The Pinellas Plant sponsors numerous educational outreach programs. The U.S. Department of Energy Science Bowl is a major event that encourages high school students to compete and test their science knowledge. Regional winners are provided an opportunity to compete in the Nationals. National winners compete in an international setting. Several employees are mentors and tutors throughout the Pinellas Plant School system. Year round, employees volunteer for special events at schools including science fairs and career days. PCEF provides scholarships to underprivileged students and supports those programs that go above and beyond the standard curriculum.

Brenda Ricchi  
Pinellas Plant  
7887 Bryan Dairy Road  
Largo, FL 34643  
(813) 541-8516/Fax: (813) 541-8778

## **Department of the Interior (DOI)**

### **Biscayne National Park**

The Biscayne National Park operates the Adam Key Environmental Education Center, which offers environmental education programs for students. Teachers must attend a workshop prior to participating in the program.

Environmental Coordinator  
Biscayne National Park  
P.O. Box 1369  
Homestead, FL 33090  
(305) 247-2044

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Canaveral National Seashore**

Canaveral National Seashore offers environmental education, as well as natural and cultural history programs on both ends of the Barrier Island. Guided tours and teacher guides are also available.

Division of Interpretation  
Canaveral National Seashore  
308 Julia Street  
Titusville, FL 32796-3521  
(407) 267-1110

### **Everglades National Park**

The Everglades National Park operates six sites that each manage environmental education programs, including teacher workshops that offer college or professional credit. Guided tours, lectures, and comprehensive curriculum materials are also available.

Division of Interpretation  
Everglades National Park  
P.O. Box 279  
Homestead, FL 33030  
(305) 242-7700

### **Fort Caroline National Monument**

The Fort Caroline National Monument offers onsite programs for students and in-school presentations during the school year. Programs emphasize natural resource issues found in the school curricula.

Division of Interpretation  
Fort Caroline National Monument  
12713 Fort Caroline Road  
Jacksonville, FL 32225  
(904) 221-5568

### **Gulf Islands National Seashore**

Programs at the Gulf Islands National Seashore focus on environmental education and include nature walks, ranger lectures, and other activities. Teacher guides are also available upon request.

Division of Interpretation  
Gulf Islands National Seashore  
1801 Gulf Breeze Parkway  
Gulf Breeze, FL 32561  
(904) 934-2604

### **J.N. "Ding" Darling National Wildlife Refuge**

Guided tours and curriculum materials are available to educators at the J.N. "Ding" Darling National Wildlife Refuge.

Public Use Manager  
J.N. "Ding" Darling National Wildlife Refuge  
One Wildlife Drive  
Sanibel, FL 33957  
(941) 472-1100/Fax: (941) 472-4061

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
New Orleans, LA 70123-2394  
(504) 736-2595/Fax: (504) 736-2459

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K–12, are free to teachers who attend the training session.

Tim Roach, Project WILD Coordinator  
Florida Game and Freshwater Fish Commission  
620 South Meridian Street  
Tallahassee, FL 32399  
(904) 488-4677/Fax: (904) 488-6988

## **St. Marks National Wildlife Refuge**

St. Marks National Wildlife Refuge offers guided tours, teacher workshops, teacher guides, and in-class presentations.

Public Use Specialist  
St. Marks National Wildlife Refuge  
P.O. Box 68  
St. Marks, FL 32355  
(904) 925-6121/Fax: (904) 925-6930

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Shirley Gooding, Secretary  
Florida Department of Labor and Employment  
Security  
2012 Capital Circle, Southeast  
Suite 303, Hartman Building  
Tallahassee, FL 32399-2152  
(904) 922-7021/Fax: (904) 488-8930

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with

diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

Larry Hedman, CMD-240  
FAA Aviation Education Representative  
Aviation Education Resource Center  
Center for Management Development  
4500 Palm Coast Parkway SE  
Palm Coast, FL 32137  
(904) 446-7126

## **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Larry Hedman, CMD-240  
Center for Management Development  
4500 Palm Coast Parkway SE  
Palm Coast, FL 32137  
(904) 446-7126

Dr. Ballard M. Barker, Head  
Aviation Education Resource Center  
Florida Institute of Technology  
Department of Aviation Studies  
The School of Aeronautics  
150 West University Boulevard  
Melbourne, FL 32901-6988  
(407) 768-8000, ext. 8120

J. Anthony Sharp, Director  
Aviation Education Resource Center  
Florida Memorial College  
Division of Airway Science  
15800 Northwest 42nd Avenue  
Miami, FL 33054  
(305) 623-1440

Patricia Fleener-Ryan  
Aviation Education Resource Center  
Embry-Riddle Aeronautical University  
AvEd Teacher Resource Center  
Daytona Beach, FL 32114  
(904) 226-6499

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## **Environmental Protection Agency (EPA)**

### **Environmental Research Laboratory**

The Florida Environmental Research Laboratory supports the Educational Research Center of the University of West Florida to build and enhance environmental education at the State and local levels. Programs for teachers and curriculum materials are being developed.

Betty Jackson  
U.S. Environmental Protection Agency  
Environmental Research Laboratory/ORD  
Sabine Island  
Gulf Breeze, FL 32561-3999  
(904) 934-9200

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition.



Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899-0001  
(407) 867-4444

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Center  
Mail Code ERC  
Kennedy Space Center, FL 32899-0001  
(407) 867-4090

## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Florida Space Grant Consortium  
405 Space Sciences Research Building  
Department of Astronomy  
University of Florida  
Gainesville, FL 32611-0961  
(904) 392-6750

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Florida's Statewide Systemic Initiatives Program is directed at restructuring K-12 science and mathematics curriculum, including the integration of technology. Other aspects include equity, assessment, and technology education.

Tom Baird  
Florida Department of Education  
325 West Gaines Street, Suite 344  
Tallahassee, FL 32399-0400  
(904) 922-4207/Fax: (904) 922-0028

## **Georgia**

## **Department of Agriculture (USDA)**

### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Roger C. Ryles, Jr., State 4-H Program Leader  
State 4-H Office, Hoke Smith Annex  
University of Georgia  
Athens, GA 30602  
(706) 542-8804



### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Donna Reynolds  
Georgia Farm Bureau  
P.O. Box 7068  
Macon, GA 31298  
(912) 474-8411

### **Department of Commerce (DOC)**

#### **Gray's Reef National Marine Sanctuary**

The Gray's Reef National Marine Sanctuary's Interpretive Center is located at the University of Georgia Aquarium on Skidaway Island. The Center offers classrooms, laboratories, exhibits, touch tanks, and lecture series for educators.

Sarah Mitchell, Education Coordinator  
Gray's Reef National Marine Sanctuary  
30 Ocean Science Circle  
Savannah, GA 31411  
(912) 598-2345/Fax: (912) 598-2367

#### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

### **Sapelo Island National Estuarine Research Reserve**

The Sapelo Island National Estuarine Research Reserve offers education tours for school groups, including special archaeological and natural history tours. Reservations are required.

Fred Hay, Education Coordinator  
Sapelo Island National Estuarine Research Reserve  
Georgia Department of National Resources  
P.O. Box 15  
Sapelo Island, GA 31327  
(912) 485-2251/Fax: (912) 485-2141

### **Department of Defense (DoD)**

#### **National Science Center**

With its multifaceted programs in science and mathematics, the National Science Center offers workshops/camps for students, portable planetariums available on loan to teachers who have been certified through the Center's comprehensive training program, a discovery center with opportunities for classroom visits, and a teacher resource center that provides science, mathematics, electronics, and computer materials for teachers to use in the classroom.

National Science Center  
Attention: ATZH-NSC-D  
Building 25722  
Fort Gordon, GA 30905-5689  
(706) 791-7621

#### **Naval Submarine Base, Kings Bay**

The Naval Submarine Base in Kings Bay, Georgia, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the Kings Bay area.

COMSUBGRU TEN  
Commander  
Submarine Group Ten  
1050 USS Georgia Avenue  
Kings Bay, GA 31547-2609  
(912) 673-4005

### **Science and Engineering Apprentice Program**

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Patricia Wylie  
Army Directorate of Information Management  
(DOIM)  
Ft. McPherson, GA 30330-5000  
(404) 752-2892

### **U.S. Army Signal Corps and Fort Gordon Museum**

The evolution of communications technology is the primary focus of the Fort Gordon Museum. Tours and lectures are available upon request.

U.S. Army Signal Corps and Fort Gordon Museum  
Attention: ATZH-SM  
Building 36305  
Fort Gordon, GA 30905-5273  
(706) 791-3856

## **Department of Education (ED)**

### **Eisenhower Consortium for Mathematics and Science Education at SERVE**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Lori Donoho, Program Specialist  
Eisenhower Consortium for Mathematics and  
Science Education at SERVE  
41 Marietta Street, NW, Suite 100  
Atlanta, GA 30303  
(404) 577-7737/Fax: (404) 577-7812  
(800) 659-3204

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dick Grover  
Eisenhower Professional Development Program  
Georgia Department of Education  
School Support Services Unit  
1762 Twin Towers East  
Atlanta, GA 30334  
(404) 656-2403/Fax: (404) 651-8984

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Russell Yeahy/Edward J. Davis  
Eisenhower Professional Development Program  
University of Georgia  
315 Aderhold Hall  
Athens, GA 30602  
(706) 542-4047/Fax: (706) 542-4042

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Georgia  
41 Marietta Street NW, Suite 1000  
Atlanta, GA 30303  
(404) 577-7737/Fax: (404) 577-7812  
(800) 659-3204

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Chattahoochee River National Recreation Area**

Programs at the Chattahoochee River National Recreation Area include nature walks, ranger lectures, and activities that focus on environmental education. The Chattahoochee Geosphere Center, a cooperative education facility, also offers teacher workshops. Teacher guides are available upon request.

Division of Interpretation  
Chattahoochee River National Recreation Area  
1978 Island Ford Parkway  
Dunwoody, GA 30350  
(404) 399-8070

## **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs

Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals

Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

### **Piedmont National Wildlife Refuge**

Teacher workshops on environmental education are available at the Piedmont National Wildlife Refuge. Scheduled tours can be arranged upon request.

Public Use Manager  
Piedmont National Wildlife Refuge  
Route 1, Box 670  
Round Oak, GA 31038  
(912) 986-5411/Fax: (912) 986-9646

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Richard Osorio, Project WILD Coordinator  
Rock Eagle 4-H Center  
350 Rock Eagle Road  
Eatonton, GA 31204  
(706) 485-2831/Fax: (706) 485-2191

Ken Riddleberger, Project WILD Coordinator  
Georgia Wildlife Resources Division  
2111 Highway 278 SE  
Social Circle, GA 30279  
(706) 557-3035/Fax: (706) 557-3030

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

David B. Poythress, Commissioner  
Georgia Department of Labor  
148 International Boulevard NE  
Sussex Place, Room 600  
Atlanta, GA 30303  
(404) 656-3011/Fax: (404) 656-2683

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Viki Dennard, Assistant Principal  
Aviation Education Resource Center  
Conyers Middle School  
335 Sigman Road  
Conyers, GA 30207-3699  
(404) 483-3371

Charles "Chuck" Nyren  
Aviation Education Resource Center  
East Cobb Middle School  
380 Holt Road  
Marietta, GA 30068  
(404) 971-8397

Joyce Carlton, Director of Education  
Aviation Education Resource Center  
Museum of Aviation at Robins AFB  
P.O. Box 2469  
Warner Robins, GA 31099  
(912) 926-4242

Anthony Docal, Director  
Southern College of Technology  
Georgia Youth Science & Technology Center  
1100 South Marietta Parkway  
Marietta, GA 30060-2896  
(404) 528-6272

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## **Environmental Protection Agency (EPA)**

### **Environmental Research Laboratory**

Teacher fellowships, student summer camps, student employment programs, community partnerships, and in-school programs are offered through the Environmental Research Laboratory.

Environmental Research Laboratory  
U.S. Environmental Protection Agency  
906 College Station Road  
Athens, GA 30605-2720  
(706) 546-3524

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak  
Chief, Education Services Branch  
NASA John F. Kennedy Space Center  
Mail Code PA-ESB  
Kennedy Space Center, FL 32899-0001  
(407) 867-4444

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center  
Educators Resources Center  
Mail Code ERC  
Kennedy Space Center, FL 32899-0001  
(407) 867-4090

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Southern College of Technology/GYSTC  
1100 South Marietta Parkway  
Marietta, GA 30060-2896  
(404) 528-6272

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Georgia Space Grant Consortium  
Georgia Tech  
Department of Aerospace Engineering  
Atlanta, GA 30332-0150  
(404) 894-8202

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

Georgia's Statewide Systemic Initiatives Program includes five regional centers that link schools with university faculty. Program goals include increasing the success of underrepresented groups and developing teachers with strong pedagogical and content foundations, as well as recruiting and retaining a high-quality teaching force. Other goals include developing and implementing interdisciplinary curriculum and designing innovative assessment techniques.

Michael Padilla  
212 Aderhold Building  
University of Georgia  
Athens, GA 30602-7126  
(706) 542-4341/Fax: (706) 542-4348

## **Mississippi**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.



Dr. Susan Holder, State Leader  
4-H Youth Development  
P.O. Box 9601  
Mississippi State University  
Mississippi State, MS 39762  
(601) 325-3352/Fax: (601) 325-8407

### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Clara A. Bilbo  
Mississippi Farm Bureau  
P.O. Box 1972  
Jackson, MS 39205-1972  
(601) 977-4245

## **Department of Commerce (DOC)**

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

## **Department of Defense (DoD)**

### **OCEANS—Opportunities in Coastal Engineering for Academically Talented Students**

Students explore coastal erosion first-hand on a Gulf of Mexico beach and follow up their discoveries with laboratory and classroom work. Instructional areas include Coastal Engineering, Geometry, Surveying, Technical Writing, Career Exploration, Research

Methodology, Coastal Geology, Trigonometry, Computer Graphics, and Ethics of Engineering. Also included is a 3-day Coastal Engineering hands-on course at the U.S. Army Engineer Waterways Experiment Station.

Stephen Wagner  
U.S. Army Engineer Waterways Experiment  
Station  
3909 Halls Ferry Road  
Vicksburg, MS 39180  
(601) 634-3000

### **Science and Engineering Apprentice Program**

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8-weeks during the summer.

Steve Wagner  
Army Waterways Experiment Station (WES)  
Vicksburg, MS 39180-6199  
(601) 634-3000

Diane Wilson  
Naval Research Laboratory (NRL-S)  
Stennis Space Center, MS 39529-5004  
(601) 688-4334

## **Department of Education (ED)**

### **Eisenhower Consortium for Mathematics and Science Education at SERVE**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Roberts, Program Specialist  
Eisenhower Consortium for Mathematics and  
Science Education at SERVE  
Delta State University  
West Sunflower Road-Ewing Hall, Room 373  
Box 3183  
Cleveland, MS 38732  
(601) 846-4384/Fax: (601) 846-4402  
(800) 326-4548

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Donna Lander/Sandra Crowley  
Eisenhower Professional Development Program  
Mississippi Department of Education  
Walter Sillers Building, Suite 1604  
P.O. Box 771  
Jackson, MS 39205-0771  
(601) 359-3486/Fax: (601) 359-2040

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Charles Pickett and Dr. Rita Nordan  
Eisenhower Professional Development Program  
Mississippi Board of Trustees of State Institutions  
of Higher Learning  
3825 Ridgewood Road  
Jackson, MS 39211  
(601) 982-6626/Fax: (601) 982-6610

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement

efforts within the region and shares this information with State and local educators.

SERVE, Mississippi  
Delta State University  
P.O. Box 3183  
Cleveland, MS 38733  
(601) 846-4384/Fax: (601) 846-4402  
(800) 326-4548

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Gulf Islands National Seashore**

Programs at the Gulf Islands National Seashore focus on environmental education and include nature walks, ranger lectures, and other activities. Teacher guides are also available upon request.

Division of Interpretation  
Gulf Islands National Seashore  
3500 Park Road  
Ocean Springs, MS 39564  
(601) 875-0074

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be

limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
New Orleans, LA 70123-2394  
(504) 736-2595/Fax: (504) 736-2459

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Georgia Spencer, Project WILD Coordinator  
Museum of Natural Science  
111 North Jefferson Street  
Jackson, MS 39202  
(601) 354-7303/Fax: (601) 354-7227

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Jean Denson, Director  
Mississippi Department of Economic and  
Community Development  
Employment Training Division  
301 West Pearl Street  
Jackson, MS 39203-3089  
(601) 949-2234/Fax: (601) 949-2291

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for

women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Mark Rice  
Aviation Education Resource Center  
Stringer Aerospace Education Center  
Old Highway 15, P.O. Box 68  
Stringer, MS 39481  
(601) 649-5566

Dr. Harry A. Cooley, Director  
Aviation Education Resource Center  
Jackson State University  
Airway Science Program  
1400 Lynch Street  
Jackson, MS 39217  
(601) 968-2471

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Environmental Protection Agency (EPA)**

#### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

#### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to partici-

pate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **National Aeronautics and Space Administration (NASA)**

#### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. David Powe  
Manager, Educational Programs  
NASA John C. Stennis Space Center  
Mail Stop MA00  
Stennis Space Center, MS 39529-6000  
(601) 688-1107

#### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John C. Stennis Space Center  
Teacher Resource Center  
Building 1200  
Stennis Space Center, MS 39529-6000  
(601) 688-3338

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Tri-State Learning Center  
NASA Regional Teacher Resource Center  
P.O. Box 508  
Iuka, MS 38852-0508  
(601) 423-7455

Mississippi Delta Community College  
NASA Regional Teacher Resource Center  
P.O. Box 668  
Moorehead, MS 38761  
(601) 246-5631, ext. 125

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Mississippi Space Grant Consortium  
125 Old Chemistry Building  
University of Mississippi  
University, MS 38677  
(601) 232-7482

## **North Carolina**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dalton R. Proctor  
Assistant Director, Extension State 4-H Leader  
North Carolina State University  
P.O. Box 7606  
Raleigh, NC 27695-7606  
(919) 515-2801

#### **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Janice Shepard  
North Carolina Farm Bureau  
P.O. Box 27766  
Raleigh, NC 27611  
(919) 782-1705/Fax: (919) 783-3593

#### **Youth Enrichment Program**

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager  
U.S. Department of Agriculture  
Cooperative State Research, Education, and  
Extension Service  
14th Street and Independence Avenue SW,  
Room 3345-S  
Washington, DC 20250-2200  
(202) 720-3511



## Department of Commerce (DOC)

### Monitor National Marine Sanctuary

The Monitor National Marine Sanctuary was the first site designated as a national marine sanctuary in 1975. Located 16 miles off Cape Hatteras, North Carolina, this Civil War ironclad warship lies in 220 feet of water.

Dina Hill, Education Coordinator  
Monitor National Marine Sanctuary  
c/o The Mariner's Museum Library  
100 Museum Drive  
Newport News, VA 23606-3798  
(804) 599-3122/Fax: (804) 599-7310

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall  
Delaware Sea Grant  
700 Pilottown Road  
Lewes, DE 19958  
(302) 645-4253/Fax: (302) 645-4007

### North Carolina National Estuarine Research Reserve

The North Carolina National Estuarine Research Reserve offers educational services for school groups, interpretive services, and educational curriculum development. A field guide is available.

Joyce Atkinson, Education Coordinator  
North Carolina National Estuarine Research  
Reserve  
North Carolina Division of Coastal Management  
P.O. Drawer 1040  
Beaufort, NC 28516  
(919) 728-2170

### The National Climatic Data Center

The National Climatic Data Center publishes meteorological and climatic data that are available to the public for a fee. A catalog listing the products and costs is available.

Jenny Pressley  
National Climatic Data Center  
National Environmental Satellite, Data, and  
Information Service  
National Oceanic and Atmospheric  
Administration  
151 Patton Avenue, Room 120  
Asheville, NC 28801-2733  
(704) 271-4258/Fax: (704) 271-4876

## Department of Education (ED)

### Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Karen Charles, Program Specialist  
Eisenhower Consortium for Mathematics and  
Science Education at SERVE  
201 Ferguson Building  
UNCG Campus  
Greensboro, NC 27435  
(910) 334-4289/Fax: (910) 334-3276  
(800) 755-3277

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Linda G. Love  
Eisenhower Professional Development Program  
North Carolina Department of Public Instruction  
301 North Willmington  
Raleigh, NC 27601-2825  
(919) 715-1363/Fax: (919) 715-0517

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.



Jane Mitchell  
Peabody Hall, Room 201, CB #3345  
Mathematics and Science Education Network  
Chapel Hill, NC 27599-3345  
(919) 966-3256/Fax: (919) 962-1316

## **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

## **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## **Department of Health and Human Services (HHS)**

### **National Institute of Environmental Health Sciences**

Life sciences education programs are supported by the National Institute of Environmental Health Sciences.

National Institute of Environmental Health Sciences  
National Institutes of Health  
Office of Institutional Development  
Mail Drop B2-09  
P.O. Box 12233  
Research Triangle Park, NC 27709  
(919) 541-4265

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Cape Hatteras National Seashore**

Environmental education programs are available for 4th-grade students at Cape Hatteras National Seashore. Guided tours and lectures are offered to all grade levels.

Division of Interpretation  
Cape Hatteras National Seashore  
Route 1, Box 675  
Manteo, NC 27954  
(919) 473-2111

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs

Education Coordinator

Minerals Management Service

1849 C Street NW, Mail Stop 0500

Washington, DC 20240

(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals

Minerals Management Service

381 Eldon Street, Mail Stop 4030

Herndon, VA 22070-4817

(703) 787-2393/Fax: (703) 787-1284

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Celeste Wescott, Project WILD Coordinator  
North Carolina Wildlife Resources Commission  
512 North Salisbury Street

Raleigh, NC 27611

(919) 733-7123/Fax: (919) 733-7083

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joel C. New, Director  
Division of Employment and Training  
North Carolina Department of Commerce  
111 Seaboard Avenue

Raleigh, NC 27604

(919) 733-6383/Fax: (919) 733-6923

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1

FAA Aviation Education Representative

1701 Columbia Avenue

College Park, GA 30337

(404) 305-5350/Fax: (404) 305-5312

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1

FAA Aviation Education Representative

1701 Columbia Avenue

College Park, GA 30337

(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1

FAA Aviation Education Representative

1701 Columbia Avenue

College Park, GA 30337

(404) 305-5350/Fax: (404) 305-5312

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational

materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Helen Caldwell  
Elizabeth Aviation High School  
1704 Weeksville Road  
Elizabeth City, NC 40212  
(919) 335-3291

Warren Wren  
Wright Brothers National Memorial  
U.S. 158 By-Pass  
Kill Devil Hills, NC 27948  
(919) 441-7430

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **Research Triangle Park Laboratories and Offices**

The facilities at Research Triangle Park offer teacher training in environmental matters, and staff participate in educational activities such as summer science camps for students and in-school presentations.

Rhoda Ritzenberg  
U.S. Environmental Protection Agency  
(MB-50)  
Research Triangle Park, NC 27711  
(919) 541-2615

Anne Pope  
U.S. Environmental Protection Agency  
(MB-14)  
Research Triangle Park, NC 27711  
(919) 541-5373

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3313

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center  
NASA Teacher Resource Center  
600 Settler's Landing Road  
Hampton, VA 23669-4033  
(804) 727-0900, ext. 757

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of North Carolina at Charlotte  
NASA Regional Teacher Resource Center  
J. Murrey Atkins Library  
Charlotte, NC 28223  
(704) 547-2559

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organiza-

tions that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Carolina Space Grant Consortium  
North Carolina State University  
Campus Box 7515  
Raleigh, NC 27695-7515  
(919) 515-5939

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

Developed by the State's Science and Mathematics Alliance, North Carolina's Statewide Systemic Initiatives Program brings public schools, industry, community, and university-technical colleges together to collaborate on issues in mathematics and science education. In addition, 10 regional partnerships have been established to address local needs.

Susan Frie  
University of North Carolina  
Chapel Hill, NC 27599  
(919) 966-3256

## South Carolina

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Glen Krohn, Assistant Director  
4-H Youth Development  
1096 G Barre Hall  
P.O. Box 340315  
Clemson, SC 29634-0315

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by

the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dale A. Law  
201 Clemson, 922 Rutledge Building  
Columbia, SC 29201  
(803) 734-8426

## Department of Commerce (DOC)

### ACE Basin National Estuarine Research Reserve

The ACE Basin National Estuarine Research Reserve offers teacher workshops, a coastal cruise on a research vessel, and guided nature walks. Reservations are required.

Whit McMillan, Education Coordinator  
ACE Basin National Estuarine Research Reserve  
South Carolina Wildlife and Marine Resources  
Department  
P.O. Box 12559  
Charleston, SC 29412  
(803) 762-5437/5007/Fax: (803) 762-5001

### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

### North Inlet/Winyah Bay National Estuarine Research Reserve

Summer coastal ecology courses for grades K-5 and workshops for teachers are available. Reservations are required.

Wendy Allen, Education Coordinator  
North Inlet/Winyah Bay National Estuarine  
Research Reserve  
Baruch Marine Field Laboratory  
P.O. Box 1630  
Georgetown, SC 29440  
(803) 546-3623/Fax: (803) 546-1632

## Department of Education (ED)

### Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Karen Charles, Program Specialist  
Eisenhower Consortium for Mathematics and  
Science Education at SERVE  
201 Ferguson Building  
UNCG Campus  
Greensboro, NC 27435  
(910) 334-4289/Fax: (910) 334-3276  
(800) 755-3277

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Tanzella Gaither  
Eisenhower Professional Development Program  
703 Rutledge Building, 1429 Senate  
Columbia, SC 29201  
(803) 734-8312/Fax: (803) 734-5953

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nancy Healy-Williams  
Academic Program Coordinator  
Eisenhower Professional Development Program  
South Carolina Commission on Higher Education  
1333 Main Street, Suite 200  
Columbia, SC 29201  
(803) 737-2246/Fax: (803) 253-2297

Dr. Gail Morrison  
Associate Commissioner for Academic Affairs  
South Carolina Commission on Higher Education  
1333 Main Street, Suite 300  
Columbia, SC 29201  
(803) 737-2243/Fax: (803) 737-2297

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### **SouthEastern Regional Vision for Education (SERVE)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, South Carolina  
1008 Rutledge Building  
1429 Senate Street  
Columbia, SC 29201  
(803) 734-4110/Fax: (803) 734-3389

Roy H. Forbes, Executive Director  
SERVE  
P.O. Box 5367  
Greensboro, NC 27435  
(910) 334-3211/Fax: (910) 334-3268  
(800) 755-3277

## **Department of Energy (DOE)**

### **Savannah River Ecology Laboratory (SREL)**

The Savannah River Ecology Laboratory offers outstanding short- and long-term educational and research opportunities in ecology and environmental sciences for undergraduate and graduate students and university faculty. SREL also participates in the DOE-sponsored Teacher Research Associates (TRAC) program.

J. Vaun McArthur  
Environmental Outreach and Education Division  
Drawer E  
Aiken, SC 29802  
(803) 725-9726/Fax: (803) 725-3309

### **Savannah River Site (SRS) Student Tours**

Tours are available to high school or higher education groups seeking general information about the site.

Westinghouse Savannah River Company  
Visitors Program  
Community Relations Department  
1995 South Centennial Avenue  
Aiken, SC 29803  
(803) 644-6816

## **Department of the Interior (DOI)**

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Carolina Sandhills National Wildlife**



## **Carolina Sandhills National Wildlife Refuge**

Both in-school presentations and guided field trips at the Carolina Sandhills National Wildlife Refuge can be arranged upon request.

Carolina Sandhills National Wildlife Refuge  
Route 2, Box 330  
McBee, SC 29101  
(803) 335-8401/Fax: (803) 335-8406

## **Congaree Swamp National Monument**

Spring and fall environmental programs are offered for students at the Congaree Swamp National Monument, and summer workshops are available for teachers. Guided walks are also available.

Division of Interpretation  
Congaree Swamp National Monument  
200 Caroline Simms Road  
Hopkins, SC 20961  
(803) 776-4396

## **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs  
Education Coordinator  
Minerals Management Service  
1849 C Street NW, Mail Stop 0500  
Washington, DC 20240  
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals  
Minerals Management Service  
381 Eldon Street, Mail Stop 4030  
Herndon, VA 22070-4817  
(703) 787-2393/Fax: (703) 787-1284

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than

80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Don Winslow, Project WILD Coordinator  
South Carolina Wildlife and Marine Resources  
1000 Assembly, P.O. Box 167  
Columbia, SC 29202  
(803) 734-3888/Fax: (803) 734-3951

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dr. Robert E. David, Executive Director  
South Carolina Employment Security Commission  
P.O. Box 995  
Columbia, SC 29202  
(803) 737-2617/Fax: (803) 737-2642

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs

and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Parnell Smith, Dean  
Clinton Junior College  
P.O. Box 968  
Rock Hill, SC 29731  
(803) 327-7402

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1  
FAA Aviation Education Representative  
1701 Columbia Avenue  
College Park, GA 30337  
(404) 305-5350/Fax: (404) 305-5312

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4  
345 Courtland Street NE  
Atlanta, GA 30365  
(404) 347-3004/Fax: (404) 347-3721

## National Aeronautics and Space Administration (NASA)

### NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright  
Center Education Program Officer  
NASA Langley Research Center  
Mail Stop 400  
Hampton, VA 23681-0001  
(804) 864-3313

### NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center  
NASA Teacher Resource Center  
600 Settler's Landing Road  
Hampton, VA 23669-4033  
(804) 727-0900, ext. 757

### NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Stanback Planetarium  
NASA Regional Teacher Resource Center  
South Carolina State University  
P.O. Box 7636  
Orangeburg, SC 29117-7636  
(803) 536-8709/7174/8119

### Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Carolina Space Grant Consortium  
Department of Geology  
58 Coming Street  
Charleston, SC 29424  
(803) 953-5463

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

South Carolina's Statewide Systemic Initiatives Program uses regional centers to achieve system reform. These centers develop teacher leaders and expand their expertise in instructional strategies, assessment, and community outreach projects. This initiative is supported by changes in policy, certification standards for both teachers and administrators, school regulations and accountability, and the development of State science and mathematics curriculum frameworks.

Dennis Bartels  
1429 Senate Street  
Rutledge Building, Room 703  
Columbia, SC 29201  
(803) 734-8277/Fax: (803) 734-8624  
E-mail: ebartels@ssi.edc.org

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# Southwest

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## Areas Served:

**Arkansas, Louisiana,  
New Mexico, Oklahoma,  
and Texas**



# Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Southwest Consortium for the Improvement of Mathematics and Science Teaching (SCIMAST) is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium supports systemic educational reform in its region, with objectives to support regional, State, and local reform initiatives and to fill gaps in knowledge and service to help educators:

- Develop statewide visions of a system of mathematics and science education that provides equal access to all students and reflects emerging world-class standards.
- Develop State policies and systems to guide the implementation of that vision.
- Implement professional development approaches that model effective teaching and provide sustained support.
- Identify, adapt, and use instructional materials, methods, and assessment tools to implement new visions of mathematics and science education.

SCIMAST has been funded since the fall of 1992, through grants from the U.S. Department of Education's Eisenhower National Program for Mathematics and Science Education. This year's Federal funds for SCIMAST total \$1,470,000, representing 80 percent of the project's costs. An additional \$367,500 is provided by non-Federal sources, making up the final 20 percent of project costs. SCIMAST is operated by the Southwest Educational Development Laboratory, which has provided educational services to the Southwestern region since 1966.

Consortium activities are grounded in the belief that "systemic reform" requires support for change at all levels of the educational system, and that educators at all levels must participate in setting the direction

for change. If any single group is most critical in transforming educational practice, it is teachers. Teachers need an active voice in the reform movement; they also need strong programs of professional development and support. Teachers teach in the ways they have been taught, not in the ways they have been told to teach; therefore, teacher training needs to effectively model the instructional approaches that teachers are expected to use in the classroom.

Consortium activities also reflect the belief that equity must be a priority in the reform and redesign of mathematics and science education. No country can maintain world-class status if half or more of its students are disenfranchised from the system. Moreover, "equal access" means much more than simply the freedom to walk in the door of a classroom or enroll in a course; it includes access to ideas and resources. Instructional content and strategies, then, must be geared to the context, interests, and needs of every student, not merely those for whom the mathematics and science pipeline has traditionally been structured.

SCIMAST does not operate with or for a narrowly defined membership. Rather, organizational structures and activities are designed to be as inclusive as possible, promoting open communication and collaboration among a broad spectrum of participants. The 16-member Consortium Advisory Board includes representatives from all levels of educational policy and practice and reflects the Southwestern region's cultural and ethnic diversities. Regional forums and other Consortium-sponsored meetings are open to all constituencies. Service activities also are targeted to a wide range of practitioners and policymakers.

The Consortium offers services to educators at all levels of practice, including State and local policymakers; teacher trainers and professional development staff; and local administrators, supervisors, and

teachers. Networking activities include conducting regional forums that focus on reform issues and concerns, and State-level meetings to facilitate consensus regarding standards and policies. Technical assistance is provided to States to support development and implementation of statewide visions, goals, standards, frameworks, curricula, materials, assessments, and instructional practices. Schools also receive technical assistance to identify, select, and implement quality programs, materials, and assessments.

Professional development activities are available in the form of work sessions for policymakers and teacher trainers to increase their awareness and proficiency in using effective, student-centered staff development approaches. Professional development awards have been made available to support and strengthen local programs at both preservice and inservice levels. The Consortium also provides intensive summer workshops for teachers, providing up-to-date content and modeling effective teaching practices.

The Consortium identifies regional resources, including materials, instructional methods, and assessment tools, appropriate for dissemination via the Eisenhower National Clearinghouse. The Consortium provides dissemination of information about reform issues, regional resources, SCIMAST services, and the services and information available through the Eisenhower National Clearinghouse.

Wesley A. Hoover, Director  
Glenda Clark, Senior Training Associate  
Jackie Palmer, Senior Training Associate  
Barbara Salyer, Senior Training Associate  
Maria Torres, Senior Training Associate  
Kathy Schmidt, Evaluation Associate  
Mary Jo Powell, Technical Writing Associate  
Sharon Adams, Information Services Associate  
Lori Snider, Administrative Assistant

Southwest Consortium for the Improvement of  
Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286  
E-mail: [scimast@sedl.org](mailto:scimast@sedl.org)  
WWW: <http://diogenes.sedl.org/sedl/scimast.html>

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# Arkansas

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Frank T. Plafcan  
4-H State Leader  
2201 Brookwood, P.O. Box 391  
University of Arkansas  
Little Rock, AR 72203  
(501) 671-2059

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Larry R. Dale  
ASU Center for Economic Education  
P.O. Box 2890  
University of Arkansas  
State University, AR 72467-2890  
(501) 972-3810/Fax: (501) 972-3868

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Charles Watson  
Eisenhower Professional Development Program  
Arkansas Department of Education  
Four State Capitol Mall, Room 107-A  
Little Rock, AR 72201-1904  
(501) 682-4474/Fax: (501) 682-4886

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Suzanne Mitchell  
Eisenhower Professional Development Program  
Arkansas Department of Higher Education  
114 East Capitol Avenue  
Little Rock, AR 72201-1904  
(501) 324-9300/Fax: (501) 324-9308

### Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## **Department of the Interior (DOI)**

### **Arkansas Post National Memorial**

The Arkansas Post National Memorial offers guided nature walks and lectures that focus on archeology, biology, water conservation and ecology, and anthropology.

Division of Interpretation  
Arkansas Post National Memorial  
Route 1, Box 16  
Gillett, AR 72055  
(501) 548-2432

### **Bureau of Land Management Eastern States Office**

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Pat Knighten, Project WILD Coordinator  
Arkansas Game and Fish Commission  
2 Natural Resources Drive  
Little Rock, AR 72205  
(501) 223-6405/Fax: (501) 233-6447

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Sharon Robinette, Administrator  
Employment and Training Division  
Arkansas Employment Security Division  
2 Capitol Mall, Room 303  
Little Rock, AR 72203  
(501) 682-1684/Fax: (501) 682-1344

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Louis Midkiff  
Aviation Education Resource Center  
Crowley's Ridge Education Service Cooperative  
P.O. Box 377  
Harrisburg, AR 72432  
(501) 578-5426

Catherine Johnson  
Aerospace Education Center  
425 West Capital Avenue, Suite 3280  
P.O. Box 7332  
Little Rock, AR 72201  
(501) 371-0331

## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two com-

ponents of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2204/Fax: (214) 655-2118

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director  
Education Programs Office  
Mail Code CL01  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 544-8800

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
NASA Teacher Resource Center for Marshall  
Space Flight Center  
P.O. Box 070015  
Huntsville, AL 35807-7015  
(205) 544-5812

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Arkansas at Little Rock  
Natural Sciences Building, Room 215  
2801 South University  
Little Rock, AR 72204  
(501) 569-3259

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Arkansas Space Grant Consortium  
University of Arkansas at Little Rock  
Graduate Institute of Technology, ETAS 125  
2801 South University Avenue  
Little Rock, AR 72204-1099  
(501) 569-8212

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives (SSI) Program**

In five designated regions, business and education partnerships, plus broad-based coalitions, function as management structure to expand the mathematics

and science alliances. The Arkansas SSI develops K-16 mathematics and science leadership through the Arkansas Crusades, a unique statewide professional development program.

Suzanne Mitchell  
Arkansas Department of Higher Education  
114 East Capitol Avenue  
Little Rock, AR 72201-1904  
(501) 324-9300/Fax: (501) 324-9308  
E-mail: smitchell@ssi.edc.org

## Louisiana

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Norman Roberts, Program Leader  
4-H and Youth Development  
Louisiana State University  
P.O. Box 2510  
Baton Rouge, LA 70894-5100  
(504) 388-2196

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara Langley  
Louisiana Farm Bureau Federation  
P.O. Box 95004  
Baton Rouge, LA 70895-9004  
(504) 922-6200/Fax: (504) 922-6251

Lynda Danos  
2144 Highway 1  
Raceland, LA 70394  
(504) 448-2395

### Department of Commerce (DOC)

#### National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

### Department of Defense (DoD)

#### Eighth Air Force Museum

The Eighth Air Force Museum exhibits aircraft from pre-World War II to the modern era with an emphasis on the advancement of aviation and bombardment technology. Tours are available upon request.

Eighth Air Force Museum  
88 Shreveport Road  
Barksdale Air Force Base, LA 71110-9260  
(318) 456-3067/Fax: (318) 456-5558

#### Naval Reserve Force, New Orleans

This activity participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

NAVRESFOR New Orleans  
Commander  
Naval Reserve Force  
4400 Dauphine Street  
Code 009  
New Orleans, LA 70142-5000  
(504) 948-5307

### Department of Education (ED)

#### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State



Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dan K. Lewis/Charles Jarreau  
Eisenhower Professional Development Program  
Louisiana Department of Education  
P.O. Box 94064  
Baton Rouge, LA 70804-9064  
(504) 342-3375/Fax: (504) 342-3448

### **Eisenhower State Coordinators for Higher Education**

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dick Anderson  
Assistant Commissioner of Sponsored Programs  
Eisenhower Professional Development Program  
Louisiana Board of Regents  
1885 Wooddale Boulevard, 11th Floor  
Baton Rouge, LA 70806  
(504) 922-0690/Fax: (504) 922-0688

Dr. Kerry Davidson, Deputy Commissioner  
Academic Affairs and Sponsored Programs  
Eisenhower Professional Development Program  
Louisiana Board of Regents  
150 Third Street, Suite 129  
Baton Rouge, LA 70801-1389  
(504) 342-4253/Fax: (504) 342-9318

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director  
SERVE, Inc.  
P.O. Box 5406  
Greensboro, NC 27412  
(910) 334-3211/Fax: (910) 334-3268  
E-mail: jean.williams@bbs.serv.org

### **Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement of  
Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## **Department of Energy (DOE)**

### **Biotechnology Education Project (BEP)**

In this 2-week series of multidisciplinary courses, teachers and students focus on biotechnology issues, including genetic engineering and ethics in research.

Dick Farnsworth, Teacher Programs Manager  
Lawrence Livermore National Laboratory  
P.O. Box 808  
Livermore, CA 94550  
(510) 422-5059/Fax: (510) 422-5947  
E-mail: farnsworthl@llnl.gov

### **Strategic Petroleum Reserve**

Strategic Petroleum Reserve provides teacher fellowships, student support programs, and curriculum material loans and sponsors a Regional Science Bowl.



Durinda Robinson  
Strategic Petroleum Reserve  
900 Commerce Road East  
New Orleans, LA 70123  
(504) 734-4312/Fax: (504) 734-4427

## Department of the Interior (DOI)

### Bayou Sauvage National Wildlife Refuge

Guided walks and canoe trips at the Bayou Sauvage National Wildlife Refuge promote awareness in wetlands management. In-class presentations are also available.

Lynn Payne  
Bayou Sauvage National Wildlife Refuge  
1010 Gause Boulevard, Building 936  
Slidell, LA 70458  
(504) 646-7555/Fax: (504) 646-7588

### Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator  
Bureau of Land Management  
7450 Boston Boulevard  
Springfield, VA 22153  
(703) 440-1713

### Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
New Orleans, LA 70123-2394  
(504) 736-2595/Fax: (504) 736-2459

## Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Wayne Huston, Project WILD Coordinator  
Department of Wildlife and Fisheries  
P.O. Box 98000  
Baton Rouge, LA 70898-9000  
(504) 765-2922/Fax: (504) 763-3568

## Department of Labor (DOL)

### Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joseph Stone, Assistant Secretary  
Louisiana Office of Labor  
P.O. Box 94094  
Baton Rouge, LA 70804-9094  
(504) 342-7693/Fax: (504) 342-7960

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Marlon Abbas, Director  
Aviation Education Resource Center  
Louisiana State University  
Transportation Systems Group  
Louisiana Transportation Research Center  
4101 Gourrier Avenue  
Baton Rouge, LA 70808  
(504) 767-9127

Ernie Bruce  
Aviation Education Resource Center  
Northeast Louisiana University  
Chemistry & Natural Sciences Building, Room 103  
Monroe, LA 71209-0590  
(318) 342-1784

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

## **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate

program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2204/Fax: (214) 655-2118

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director  
Education Programs Office  
Mail Code CL01  
NASA Marshall Space Flight Center  
Huntsville, AL 35812-0001  
(205) 544-8800

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center  
NASA Teacher Resource Center for Marshall  
Space Flight Center  
P.O. Box 070015  
Huntsville, AL 35807-7015  
(205) 544-5812

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Bossier Parish Community College  
NASA Regional Teacher Resource Center  
2719 Airline Drive  
Bossier City, LA 71111  
(318) 746-7754

Southern University-Shreveport  
NASA Regional Teacher Resource Center  
Downtown Metro Center  
610 Texas Street  
Shreveport, LA 71101  
(318) 674-3444

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Louisiana Space Grant Consortium  
Louisiana State University  
Department of Physics and Astronomy  
227 Nicholson Hall  
Baton Rouge, LA 70803-4001  
(504) 388-8697

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

Louisiana's Statewide Systemic Initiatives Program is designed to modernize mathematics and science curricula through changes in teacher preparation programs and enhancement of teaching skills. The integration of mathematics and science standards into curriculum development, textbook adoption, and assessment is a key objective, while additional objectives include upgrading teacher certification standards, incorporating technologies into the classroom, and involving parents in education.

Kerry Davidson, Senior Deputy Commissioner  
Academic Affairs and Sponsored Research  
Louisiana Board of Regents  
150 Riverside Mall, Suite 129  
Baton Rouge, LA 70801-1389  
(504) 342-4253/Fax: (504) 342-9318  
E-mail: kdavidson@ssi.edc.org

## New Mexico

## Department of Agriculture (USDA)

### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Mary Ellen McKay  
Extension Department Head  
4-H and Family  
Gerald Thomas Hall, Room 286  
Drawer 3AE, New Mexico State University  
Las Cruces, NM 88003  
(505) 646-1161

### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance

from agribusiness, educational institutions, and government.

Smokey Blanton, Coordinator  
New Mexico Farm and Livestock Bureau  
421 North Water Street  
Las Cruces, NM 88001  
(505) 526-5521/Fax: (505) 525-0858

## Department of Defense (DoD)

### Phillips Laboratory

Phillips Laboratory offers student apprenticeship programs designed to motivate students toward engineering and technical careers.

Richard Keppler  
Phillips Laboratory/CA  
3550 Aberdeen Avenue SE  
Kirkland AFB, NM 87117-5776  
(505) 846-1327

## Department of Education (ED)

### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Trisha Valdez  
Eisenhower Professional Development Program  
New Mexico Department of Education  
300 Don Gaspar Street  
Santa Fe, NM 87501-2786  
(505) 827-4244/Fax: (505) 827-6696

### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Bill Simpson  
Eisenhower Professional Development Program  
New Mexico Commission of Higher Education  
1068 Cerrillos Road  
Santa Fe, NM 87501-4295  
(505) 827-7383/Fax: (505) 827-7392

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors  
Southwest & Pacific Regional Technology in Education Center  
c/o College of Education  
California State University, Long Beach  
1250 Bellflower Boulevard  
Long Beach, CA 90840-2201  
(310) 985-1570/Fax: (310) 985-4528  
E-mail: krocap@csulb.edu

### **Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement of Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## **Department of Energy (DOE)**

### **Inhalation Toxicology Research Institute (ITRI)**

Inhalation Toxicology Research Institute promotes environmental health science education through teacher research programs, high school summer programs, facility tours, and minority outreach programs.

Marcy Wood, Specialist  
Inhalation Toxicology Research Institute  
P.O. Box 5890  
Albuquerque, NM 87185  
(505) 845-1257/Fax: (505) 845-1198

### **Los Alamos National Laboratory**

Los Alamos National Laboratory provides teacher enhancement workshops, student research internships, summer programs for students, outreach programs, and educational technology programs.

Judith Kaye, Group Leader  
Science Education and Outreach  
Los Alamos National Laboratory  
P.O. Box 1663 HR-SEO, P278  
Los Alamos, NM 87545  
(505) 667-1919/Fax: (505) 665-4093  
E-mail: jkaye@lanl.gov

### **Sandia National Laboratories (New Mexico)**

Sandia National Laboratories (New Mexico) offer a science enhancement program for teachers and science and mathematics workshops for students. Sandia also manages a student mentorship program.

Anthony Thornton, Ph.D., Director  
Diversity Leadership and Education Outreach  
Sandia National Laboratories/New Mexico  
Mail Stop 1088, P.O. Box 5800  
Albuquerque, NM 87185-1088  
(505) 844-4929/Fax: (505) 844-4624  
E-mail: althorn@sandia.gov



## **Department of the Interior (DOI)**

### **Aztec Ruins National Monument**

Aztec Ruins National Monument offers educators guided walks and a teacher's guide that focuses primarily on anthropology and history, but also incorporates aspects of environmental education.

Interpretation Division  
Aztec Ruins National Monument  
P.O. Box 640  
Aztec, NM 87410  
(505) 334-6174

### **Bosque del Apache National Wildlife Refuge**

Teacher workshops, in-school presentations, and various other environmental education activities are offered through the Bosque del Apache National Wildlife Refuge.

Outdoor Recreation Planner  
Bosque del Apache National Wildlife Refuge  
P.O. Box 1246  
Socorro, NM 87801  
(505) 835-1828/Fax: (505) 835-0324

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

### **Carlsbad Caverns National Park**

Programs offered at Carlsbad Caverns educate students and teachers about the site's geology and natural history.

Division of Interpretation  
Carlsbad Caverns  
3225 National Parks Highway  
Carlsbad, NM 88220  
(505) 885-8884

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Eddie Bennett, Project WILD Coordinator  
New Mexico Game and Fish Department  
State Capitol Building  
Santa Fe, NM 87503  
(505) 827-7867/Fax: (505) 827-7801

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Patrick G. Baca, Secretary  
New Mexico Department of Labor  
P.O. Box 1928  
Albuquerque, NM 87103  
(505) 841-8409/Fax: (505) 841-8491

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950



## Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Richard S. Sanchez, Director  
Aviation Education Resource Center  
University of New Mexico  
FAA/NASA Teacher Resource Center  
Division of Continuing Education  
Albuquerque, NM 87131-4006  
(505) 277-2631

Judy McShannon  
Aviation Education Resource Center  
New Mexico State University  
Goddard Hall, Room 103  
Las Cruces, NM 88003-0001  
(505) 646-6414

## National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## Environmental Protection Agency (EPA)

### EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

## The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate

program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2204/Fax: (214) 655-2118

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of New Mexico  
NASA Regional Teacher Resource Center  
Continuing Education and Community Service  
1634 University Boulevard NE  
Albuquerque, NM 87131-4006  
(505) 277-3861

New Mexico State University  
NASA Regional Teacher Resource Center  
New Mexico Space Grant Consortium  
Box 30001, Department SG  
Las Cruces, NM 88003-0001  
(505) 646-6414

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Mexico Space Grant Consortium  
New Mexico State University  
P.O. Box 30001, Department SG  
Las Cruces, NM 88003-0001  
(505) 646-6414

## National Science Foundation (NSF)

### Statewide Systemic Initiatives Program

New Mexico's Statewide Systemic Initiatives Program will advocate restructuring mathematics and science education, coordinate resources, and include the RE:Learning model for school-based reform to incorporate new content and pedagogy into mathematics and science curricula.

Mary Finch  
1300 Camino Sierra Vista, #13  
Santa Fe, NM 87501  
(505) 984-0404/Fax: (505) 989-3882

Judith Kaye  
Los Alamos National Laboratory  
Laboratory MS P278  
Los Alamos, NM 87545  
(505) 667-1919

John Whitley  
Sandia National Laboratories (New Mexico)  
Organization 6905  
Albuquerque, NM 87185  
(505) 845-9763/Fax: (505) 844-7437

## Oklahoma

### Department of Agriculture (USDA)

#### 4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. James A. Rutledge  
State 4-H Program Leader  
Oklahoma State University  
Room 205, Poultry Building  
Stillwater, OK 74078-0330  
(405) 744-5390

#### Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricul-

tural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Charles Cox  
Oklahoma State University  
205 Poultry Science  
Stillwater, OK 74078  
(405) 744-5390/Fax: (405) 744-9693

### Department of Education (ED)

#### Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Keith Haley  
Eisenhower Professional Development Program  
Oklahoma Department of Education  
2500 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-3694/Fax: (405) 521-6205

Nancy S. Brock  
Eisenhower Professional Development Program  
Oklahoma Department of Education  
2500 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-3361/Fax: (405) 521-6201

#### Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Kermit McMurry  
Eisenhower Professional Development Program  
Oklahoma Regents for Higher Education  
500 Education Building, State Complex  
Oklahoma City, OK 73105-4503  
(405) 524-9100/Fax: (405) 524-9230

### **Regional Technology in Education Consortium (R\*TEC)**

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors  
South Central Regional Technology in  
Education Consortium  
Dole Human Development Building, Suite 2021  
University of Kansas  
Lawrence, KS 66045  
(913) 864-0710/Fax: (913) 864-4149  
E-mail: jchaffin@quest.sped.ukans.edu

### **Southwest Consortium for the Improvement of Mathematics and Science Teaching**

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement of  
Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

### **Southwest Educational Development Laboratory (SEDL)**

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## **Department of Energy (DOE)**

### **National Institute for Petroleum and Energy Research (NIPER)**

The Education Outreach Program at NIPER develops partnerships to promote industry and community

support of science education. Programs include teacher training, workshops, student research programs, a teacher intern program, and the Oklahoma Science Bowl.

Judy Kokesh, Technology Transfer Specialist  
National Institute for Petroleum and Energy  
Research  
Education Office, P.O. Box 2565  
Bartlesville, OK 74005  
(918) 337-4508/Fax: (918) 337-4365

### **Teacher Training in Oil and Gas Exploration**

This is a 5-day course that provides an awareness of America's dependence on oil-based products, an understanding of basic Earth science concepts as applied to the exploration of oil and gas, first-hand experience with the tools used in exploration, and a field trip.

Judy Kokesh, Technology Transfer Specialist  
National Institute for Petroleum and Energy  
Research  
Education Office, P.O. Box 2565  
Bartlesville, OK 74005  
(918) 337-4508/Fax: (918) 337-4365

## **Department of the Interior (DOI)**

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

### **Chickasaw National Recreation Area**

Chickasaw National Recreation Area offers guided nature walks that focus on geology and environmental education.

Division of Interpretation  
Chickasaw National Recreation Area  
P.O. Box 201  
Sulphur, OK 73086  
(405) 622-3161

## **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Anderson, Project WILD Co-Coordinator  
Department of Wildlife Conservation  
1801 North Lincoln Boulevard  
Oklahoma City, OK 73105  
(405) 521-6704/Fax: (405) 521-6898

Lisa Knauf, Project WILD Co-Coordinator  
Oklahoma Conservation Commission  
2800 North Lincoln Boulevard, Suite 160  
Oklahoma City, OK 73105  
(405) 521-2384/Fax: (405) 521-6686

## **Wichita Mountains National Wildlife Refuge**

Wichita Mountains National Wildlife Refuge offers environmental education programs, including teacher-accredited workshops. Curriculum materials are available.

Environmental Education Specialist  
Wichita Mountains National Wildlife Refuge  
Route 1, Box 448  
Indianapolis, OK 73552  
(405) 429-3221/Fax: (405) 429-9323

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Glen E. Robards, Jr., Director of JTPA  
Oklahoma Employment Security Commission  
201 Will Rogers Building  
Oklahoma City, OK 73105  
(405) 557-5329/Fax: (405) 557-7256

## **Department of Transportation (DOT)**

### **Aviation Career Education (ACE) Academy**

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### **Aviation Education Workshops for Teachers**

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### **Federal Aviation Administration (FAA) Aviation Education Representative**

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.



Robert Hoppers, AMC-5  
FAA Aviation Education Representative  
Aeronautical Center  
FAA Mike Monroney  
P.O. Box 25082  
Oklahoma City, OK 73125  
(405) 680-7500/Fax: (405) 954-4551

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### **Federal Aviation Administration (FAA) Aviation Education Resource Centers**

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Lee Morris, Director  
Aviation Education Resource Center  
University of Oklahoma  
Education and Aviation/Aerospace  
1700 Asp Avenue  
Norman, OK 73037-0001  
(405) 325-1964

Steve Marks  
Oklahoma State University  
FAA Resource Center  
308A CITD Building  
Stillwater, OK 74078  
(405) 744-7015

### **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

### **Robert S. Kerr Environmental Research Laboratory**

Student employment and partnership programs are offered through the Robert S. Kerr Environmental Research Laboratory.

U.S. Environmental Protection Agency  
Robert S. Kerr Environmental Research Laboratory  
P.O. Box 1198  
Ada, OK 74820  
(405) 338-8800

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional



offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2204/Fax: (214) 655-2118

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696

### **NASA Regional Teacher Resource Centers (RTRCs)**

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Oklahoma State University  
NASA Aerospace Education Resource Center  
308A CITD  
Stillwater, OK 74078-0422  
(405) 744-7009

### **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oklahoma Space Grant Consortium  
University of Oklahoma  
College of Geosciences  
100 East Boyd Avenue, Suite 1210  
Norman, OK 73019-0628  
(405) 325-1240

## **Texas**

### **Department of Agriculture (USDA)**

#### **4-H State Leader**

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Lynne W. Thibodeaux  
Assistant Director for 4-H and Youth  
Development  
Texas A&M University  
809 University Drive, East, Building D&E  
College Station, TX 77843-2473  
(409) 845-1211

## **Ag in the Classroom State Leader**

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Tad Duncan  
Texas Farm Bureau  
P.O. Box 2689  
Waco, TX 76702-2689  
(817) 772-2689/Fax: (817) 772-3628

## **Department of Commerce (DOC)**

### **Flower Garden Banks National Marine Sanctuary**

The Flower Garden Banks National Marine Sanctuary offers educational materials and in-school presentations.

Shelley Dupuy, Education Coordinator  
Flower Garden Banks National Marine Sanctuary  
1716 Briarcrest Drive, Suite 702  
Bryant, TX 77802  
(409) 847-9296/Fax: (409) 845-7525

### **National Sea Grant College Program, Operation Pathfinder Program**

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker  
Mississippi-Alabama Sea Grant Consortium and  
Gulf Coast Research Laboratory  
P.O. Box 7000  
Ocean Springs, MS 39566-7000  
(601) 374-5550/Fax: (601) 374-5559

## **Department of Defense (DoD)**

### **Brooks Air Force Base**

Brooks Air Force Base offers in-class speakers and presentations upon request and also manages a high school student research program. A student summer hire program is also available.

Brooks Air Force Base  
HSC/PA  
2510 Kennedy Circle, Suite 1  
Brooks Air Force Base, TX 78235-5020  
(210) 536-3234

### **Chief of Naval Air Training, Corpus Christi**

The Chief of Naval Air Training (CNATRA) in Corpus Christi, Texas, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

CNATRA, Corpus Christi TX  
Commander  
Chief of Naval Air Training  
250 Lexington Boulevard, Suite 102  
Code 00A2  
Corpus Christi, TX 78419-5041  
(512) 939-3502

## **Department of Education (ED)**

### **Eisenhower State Coordinators**

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

B.J. Gibson  
Eisenhower Professional Development Program  
Texas Education Agency  
1701 North Congress  
Austin, TX 78701  
(512) 463-9006/Fax: (512) 475-2619

## Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nan Broussard  
Eisenhower Professional Development Program  
Texas Higher Education Coordinating Board  
7745 Chevy Chase, Building #5  
P.O. Box 12788, Capitol Station  
Austin, TX 78711  
(512) 483-6319/6224/Fax: (512) 483-6522

## Regional Technology in Education Consortium (R\*TEC)

The R\*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R\*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors  
South Central Regional Technology in  
Education Consortium  
Dole Human Development Building, Suite 2021  
University of Kansas  
Lawrence, KS 66045  
(913) 864-0710/Fax: (913) 864-4149  
E-mail: jchaffin@quest.sped.ukans.edu

## Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director  
Southwest Consortium for the Improvement of  
Mathematics and Science Teaching  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director  
Southwest Educational Development Laboratory  
211 East Seventh Street  
Austin, TX 78701  
(512) 476-6861/Fax: (512) 476-2286

## Department of Energy (DOE)

### Pantex Plant

The Educational Outreach programs at the Pantex Plant are designed to promote interest in science, mathematics, and engineering among students attending educational institutions within Region XVI, the 26-county region in which Pantex is located. The region is composed of approximately 79,409 students and 5,997 teachers. The primary target audience for the Educational Outreach will be those schools, students, and teachers that fall within Region XVI. Many programs will directly impact at-risk students and students already identified as interested in the sciences. The major thrust of the Education Outreach initiative is directed to kindergarten through 12th grade. The primary message to students is that science, math, and engineering should be considered as major fields of study in higher education and as career choices. Pantex offers student tours, science fairs, and academic contests, loans New Explorers videos and teacher guides, and also sponsors a teacher internship program.

Debra Halliday  
Educational Outreach Coordinator  
Pantex Plant, External Affairs  
Building 16-12  
P.O. Box 30020  
Amarillo, TX 79177  
(806) 477-5038/Fax: (806) 477-5743  
E-mail: goh\_dhallida@pantex.com

## **Department of the Interior (DOI)**

### **Big Thicket National Preserve**

Big Thicket National Preserve offers interdisciplinary, curriculum-based environmental education programs for all age groups. Accredited teacher workshops are offered.

Leslie E. DuBey, Education Specialist  
Big Thicket National Preserve  
507 Pine Street  
Woodville, TX 75979  
(409) 283-2117/Fax: (409) 283-6976

### **Bureau of Land Management State Office**

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera  
Bureau of Land Management  
P.O. Box 27115  
Santa Fe, NM 87502-0115  
(505) 438-7841

### **Minerals Management Service (MMS) Regional Office**

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region  
Minerals Management Service  
Office of Public Affairs  
1201 Elmwood Park Boulevard, Mail Stop 500  
New Orleans, LA 70123-2394  
(504) 736-2595/Fax: (504) 736-2459

### **Padre Island National Seashore**

Environmental programs, guided nature walks, and in-school presentations are offered by Padre Island National Seashore.

Division of Interpretation  
Padre Island National Seashore  
9405 South Padre Island Drive  
Corpus Christi, TX 78418  
(512) 937-2621

### **Project WILD**

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kathryn Hampton, Project WILD Coordinator  
Texas Parks and Wildlife Department  
4200 Smith School Road  
Austin, TX 78744  
(512) 328-6035/Fax: (512) 328-5632

### **Santa Ana National Wildlife Refuge Complex**

The Santa Ana National Wildlife Refuge Complex provides teacher packets with lesson plans targeted for grades K-6, interpretive presentations, environmental education programs, and a visitor center that offers interpretive exhibits and displays.

Public Use Manager  
Santa Ana National Wildlife Refuge Complex  
Route 2, Box 202A, Room 225  
Alamo, TX 78516-9509  
(210) 630-4636/Fax: (210) 630-1653

## **Department of Labor (DOL)**

### **Job Training Partnership Act (JTPA) Liaison**

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James E. Boyd, Director  
Work Force Development Division  
Texas Department of Commerce  
P.O. Box 12728, Capitol Station  
Austin, TX 78711-2728  
(512) 320-9801/Fax: (512) 320-9875

## Department of Transportation (DOT)

### Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

### Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Isaac Nettey, Director  
Aviation Education Resource Center  
Texas Southern University  
Airway Science Program  
3100 Cleburne Avenue  
Houston, TX 77004  
(713) 639-1847

Olin Lancaster, Director  
Aviation Education Resource Center  
Frontiers of Flight Museum  
Love Field Terminal, BL-38  
Dallas, TX 75235  
(214) 350-3600

Bruce Hoover  
Aviation Education Resource Center  
Palo Alto College, Aviation Department  
1400 West Villarette  
San Antonio, TX 78224  
(512) 921-5162

Campus Librarian  
Aviation Education Resource Center  
Texas State Technical College  
Aerospace Technologies  
3801 Campus Drive  
Waco, TX 78708  
(817) 799-3611

Dr. Jim Milson, Chairman  
Aviation Education Resource Center  
University of Texas at El Paso  
Education Building, Room 403  
El Paso, TX 79968-0574  
(915) 747-5426

## **National Congress on Aviation and Space Education**

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B  
FAA Aviation Education Representative  
2601 Meacham Boulevard  
Fort Worth, TX 76193  
(817) 222-5833/Fax: (817) 222-5950

## **Environmental Protection Agency (EPA)**

### **EPA Regional Office**

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator  
Environmental Protection Agency  
1445 Ross Avenue, Mail Stop 6X  
Dallas, TX 75202  
(214) 655-2204/Fax: (214) 655-2118

### **The President's Environmental Youth Awards (PEYA) Program**

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6  
1445 Ross Avenue  
Dallas, TX 75202-2733  
(214) 655-2204/Fax: (214) 655-2118

## **National Aeronautics and Space Administration (NASA)**

### **NASA Field Centers**

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice  
Center Education Programs Officer  
Public Affairs Office AP2  
NASA Johnson Space Center  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-1257

### **NASA Teacher Resource Center**

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center  
Teacher Resource Center  
Mail Code AP-2  
2101 NASA Road One  
Houston, TX 77058-3696  
(713) 483-8696



## **Space Grant Consortium**

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Texas Space Grant Consortium  
2901 North IH 35, Suite 200  
Austin, TX 78722-2348  
(512) 471-3583  
(800) 248-8742

## **National Science Foundation (NSF)**

### **Statewide Systemic Initiatives Program**

The Texas Statewide Systemic Initiatives Program will focus on changes in teacher development. Strategies include Renaissance Centers to house teams of master teachers, scientists, mathematicians, and higher education faculty to reform preservice and inservice programs; the involvement of business, industry, and universities to work with educational service centers and school districts; and the establishment of an infrastructure for distance learning.

Uri Triesman  
Mathematics Department  
University of Texas  
Austin, TX 78712  
(512) 471-6190/Fax: (512) 471-6193

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